



Appendix A.30

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_20M_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2580	Edge_1RB_Left	22.90	/	/	22.26	/	/	<=33.01	Pass
		Edge_1RB_Right	22.97	/	/	22.33	/	/	<=33.01	Pass
		Outer_Full	22.93	/	/	22.29	/	/	<=33.01	Pass
		Inner_Full	23.36	/	/	22.72	/	/	<=33.01	Pass
		Inner_1RB_Left	23.21	/	/	22.57	/	/	<=33.01	Pass
		Inner_1RB_Right	23.54	/	/	22.90	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	22.64	/	/	22.00	/	/	<=33.01	Pass
		Edge_1RB_Right	22.81	/	/	22.17	/	/	<=33.01	Pass
		Outer_Full	22.75	/	/	22.11	/	/	<=33.01	Pass
		Inner_Full	23.64	/	/	23.00	/	/	<=33.01	Pass
		Inner_1RB_Left	23.37	/	/	22.73	/	/	<=33.01	Pass
		Inner_1RB_Right	23.34	/	/	22.70	/	/	<=33.01	Pass
	2610	Edge_1RB_Left	22.83	/	/	22.19	/	/	<=33.01	Pass
		Edge_1RB_Right	22.58	/	/	21.94	/	/	<=33.01	Pass
		Outer_Full	23.06	/	/	22.42	/	/	<=33.01	Pass
		Inner_Full	23.50	/	/	22.86	/	/	<=33.01	Pass
		Inner_1RB_Left	23.25	/	/	22.61	/	/	<=33.01	Pass
		Inner_1RB_Right	23.15	/	/	22.51	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	2580	Edge_1RB_Left	22.38	/	/	21.74	/	/	<=33.01	Pass
		Edge_1RB_Right	22.30	/	/	21.66	/	/	<=33.01	Pass
		Outer_Full	22.55	/	/	21.91	/	/	<=33.01	Pass
		Inner_Full	23.58	/	/	22.94	/	/	<=33.01	Pass
		Inner_1RB_Left	23.31	/	/	22.67	/	/	<=33.01	Pass
		Inner_1RB_Right	23.39	/	/	22.75	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	22.04	/	/	21.40	/	/	<=33.01	Pass
		Edge_1RB_Right	22.34	/	/	21.70	/	/	<=33.01	Pass
		Outer_Full	22.51	/	/	21.87	/	/	<=33.01	Pass
		Inner_Full	23.54	/	/	22.90	/	/	<=33.01	Pass
		Inner_1RB_Left	23.30	/	/	22.66	/	/	<=33.01	Pass
		Inner_1RB_Right	23.21	/	/	22.57	/	/	<=33.01	Pass
	2610	Edge_1RB_Left	22.25	/	/	21.61	/	/	<=33.01	Pass
		Edge_1RB_Right	22.44	/	/	21.80	/	/	<=33.01	Pass
		Outer_Full	22.68	/	/	22.04	/	/	<=33.01	Pass
		Inner_Full	23.60	/	/	22.96	/	/	<=33.01	Pass
		Inner_1RB_Left	23.06	/	/	22.42	/	/	<=33.01	Pass
		Inner_1RB_Right	23.36	/	/	22.72	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	2580	Edge_1RB_Left	21.54	/	/	20.90	/	/	<=33.01	Pass
		Edge_1RB_Right	21.59	/	/	20.95	/	/	<=33.01	Pass
		Outer_Full	21.60	/	/	20.96	/	/	<=33.01	Pass
		Inner_Full	22.55	/	/	21.91	/	/	<=33.01	Pass

		Inner_1RB_Left	22.45	/	/	21.81	/	/	<=33.01	Pass
		Inner_1RB_Right	22.54	/	/	21.90	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	20.95	/	/	20.31	/	/	<=33.01	Pass
		Edge_1RB_Right	21.21	/	/	20.57	/	/	<=33.01	Pass
		Outer_Full	21.49	/	/	20.85	/	/	<=33.01	Pass
		Inner_Full	22.43	/	/	21.79	/	/	<=33.01	Pass
		Inner_1RB_Left	22.12	/	/	21.48	/	/	<=33.01	Pass
		Inner_1RB_Right	22.40	/	/	21.76	/	/	<=33.01	Pass
	2610	Edge_1RB_Left	21.03	/	/	20.39	/	/	<=33.01	Pass
		Edge_1RB_Right	21.36	/	/	20.72	/	/	<=33.01	Pass
		Outer_Full	21.57	/	/	20.93	/	/	<=33.01	Pass
		Inner_Full	22.59	/	/	21.95	/	/	<=33.01	Pass
		Inner_1RB_Left	22.43	/	/	21.79	/	/	<=33.01	Pass
		Inner_1RB_Right	22.16	/	/	21.52	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2580	Edge_1RB_Left	20.79	/	/	20.15	/	/	<=33.01	Pass
		Edge_1RB_Right	20.71	/	/	20.07	/	/	<=33.01	Pass
		Outer_Full	20.85	/	/	20.21	/	/	<=33.01	Pass
		Inner_Full	21.05	/	/	20.41	/	/	<=33.01	Pass
		Inner_1RB_Left	20.80	/	/	20.16	/	/	<=33.01	Pass
		Inner_1RB_Right	20.70	/	/	20.06	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	20.68	/	/	20.04	/	/	<=33.01	Pass
		Edge_1RB_Right	20.69	/	/	20.05	/	/	<=33.01	Pass
		Outer_Full	21.06	/	/	20.42	/	/	<=33.01	Pass
		Inner_Full	20.88	/	/	20.24	/	/	<=33.01	Pass
		Inner_1RB_Left	20.58	/	/	19.94	/	/	<=33.01	Pass
		Inner_1RB_Right	20.56	/	/	19.92	/	/	<=33.01	Pass
	2610	Edge_1RB_Left	20.88	/	/	20.24	/	/	<=33.01	Pass
		Edge_1RB_Right	20.70	/	/	20.06	/	/	<=33.01	Pass
		Outer_Full	20.83	/	/	20.19	/	/	<=33.01	Pass
		Inner_Full	20.89	/	/	20.25	/	/	<=33.01	Pass
		Inner_1RB_Left	20.69	/	/	20.05	/	/	<=33.01	Pass
		Inner_1RB_Right	20.93	/	/	20.29	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	2580	Edge_1RB_Left	18.77	/	/	18.13	/	/	<=33.01	Pass
		Edge_1RB_Right	18.91	/	/	18.27	/	/	<=33.01	Pass
		Outer_Full	18.96	/	/	18.32	/	/	<=33.01	Pass
		Inner_Full	18.96	/	/	18.32	/	/	<=33.01	Pass
		Inner_1RB_Left	18.83	/	/	18.19	/	/	<=33.01	Pass
		Inner_1RB_Right	18.88	/	/	18.24	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	18.91	/	/	18.27	/	/	<=33.01	Pass
		Edge_1RB_Right	18.96	/	/	18.32	/	/	<=33.01	Pass
		Outer_Full	19.06	/	/	18.42	/	/	<=33.01	Pass
		Inner_Full	18.96	/	/	18.32	/	/	<=33.01	Pass
		Inner_1RB_Left	18.84	/	/	18.20	/	/	<=33.01	Pass
		Inner_1RB_Right	18.93	/	/	18.29	/	/	<=33.01	Pass
	2610	Edge_1RB_Left	18.69	/	/	18.05	/	/	<=33.01	Pass
		Edge_1RB_Right	18.93	/	/	18.29	/	/	<=33.01	Pass
		Outer_Full	18.81	/	/	18.17	/	/	<=33.01	Pass
		Inner_Full	18.77	/	/	18.13	/	/	<=33.01	Pass
		Inner_1RB_Left	18.88	/	/	18.24	/	/	<=33.01	Pass
		Inner_1RB_Right	18.88	/	/	18.24	/	/	<=33.01	Pass
CP-OFDM QPSK	2580	Edge_1RB_Left	20.25	/	/	19.61	/	/	<=33.01	Pass
		Edge_1RB_Right	20.35	/	/	19.71	/	/	<=33.01	Pass
		Outer_Full	20.39	/	/	19.75	/	/	<=33.01	Pass

		Inner Full	22.04	/	/	21.40	/	/	<=33.01	Pass
		Inner 1RB Left	22.02	/	/	21.38	/	/	<=33.01	Pass
		Inner 1RB Right	22.02	/	/	21.38	/	/	<=33.01	Pass
	2595	Edge 1RB Left	20.35	/	/	19.71	/	/	<=33.01	Pass
		Edge 1RB Right	20.44	/	/	19.80	/	/	<=33.01	Pass
		Outer Full	20.40	/	/	19.76	/	/	<=33.01	Pass
		Inner Full	21.96	/	/	21.32	/	/	<=33.01	Pass
		Inner 1RB Left	22.03	/	/	21.39	/	/	<=33.01	Pass
		Inner 1RB Right	22.08	/	/	21.44	/	/	<=33.01	Pass
	2610	Edge 1RB Left	20.15	/	/	19.51	/	/	<=33.01	Pass
		Edge 1RB Right	20.58	/	/	19.94	/	/	<=33.01	Pass
		Outer Full	20.59	/	/	19.95	/	/	<=33.01	Pass
		Inner Full	22.05	/	/	21.41	/	/	<=33.01	Pass
		Inner 1RB Left	21.97	/	/	21.33	/	/	<=33.01	Pass
		Inner 1RB Right	22.14	/	/	21.50	/	/	<=33.01	Pass
CP-OFDM 16 QAM	2580	Edge 1RB Left	20.57	/	/	19.93	/	/	<=33.01	Pass
		Edge 1RB Right	20.52	/	/	19.88	/	/	<=33.01	Pass
		Outer Full	20.57	/	/	19.93	/	/	<=33.01	Pass
		Inner Full	21.55	/	/	20.91	/	/	<=33.01	Pass
		Inner 1RB Left	21.35	/	/	20.71	/	/	<=33.01	Pass
		Inner 1RB Right	21.65	/	/	21.01	/	/	<=33.01	Pass
	2595	Edge 1RB Left	20.42	/	/	19.78	/	/	<=33.01	Pass
		Edge 1RB Right	20.48	/	/	19.84	/	/	<=33.01	Pass
		Outer Full	20.59	/	/	19.95	/	/	<=33.01	Pass
		Inner Full	21.58	/	/	20.94	/	/	<=33.01	Pass
		Inner 1RB Left	21.46	/	/	20.82	/	/	<=33.01	Pass
		Inner 1RB Right	21.47	/	/	20.83	/	/	<=33.01	Pass
	2610	Edge 1RB Left	20.28	/	/	19.64	/	/	<=33.01	Pass
		Edge 1RB Right	20.51	/	/	19.87	/	/	<=33.01	Pass
		Outer Full	20.60	/	/	19.96	/	/	<=33.01	Pass
		Inner Full	21.54	/	/	20.90	/	/	<=33.01	Pass
		Inner 1RB Left	21.57	/	/	20.93	/	/	<=33.01	Pass
		Inner 1RB Right	21.63	/	/	20.99	/	/	<=33.01	Pass
CP-OFDM 64 QAM	2580	Edge 1RB Left	19.56	/	/	18.92	/	/	<=33.01	Pass
		Edge 1RB Right	19.71	/	/	19.07	/	/	<=33.01	Pass
		Outer Full	19.89	/	/	19.25	/	/	<=33.01	Pass
		Inner Full	20.02	/	/	19.38	/	/	<=33.01	Pass
		Inner 1RB Left	19.87	/	/	19.23	/	/	<=33.01	Pass
		Inner 1RB Right	19.73	/	/	19.09	/	/	<=33.01	Pass
	2595	Edge 1RB Left	19.75	/	/	19.11	/	/	<=33.01	Pass
		Edge 1RB Right	19.72	/	/	19.08	/	/	<=33.01	Pass
		Outer Full	19.92	/	/	19.28	/	/	<=33.01	Pass
		Inner Full	19.91	/	/	19.27	/	/	<=33.01	Pass
		Inner 1RB Left	19.78	/	/	19.14	/	/	<=33.01	Pass
		Inner 1RB Right	19.85	/	/	19.21	/	/	<=33.01	Pass
	2610	Edge 1RB Left	19.71	/	/	19.07	/	/	<=33.01	Pass
		Edge 1RB Right	19.52	/	/	18.88	/	/	<=33.01	Pass
		Outer Full	19.95	/	/	19.31	/	/	<=33.01	Pass
		Inner Full	20.03	/	/	19.39	/	/	<=33.01	Pass
		Inner 1RB Left	19.62	/	/	18.98	/	/	<=33.01	Pass
		Inner 1RB Right	19.64	/	/	19.00	/	/	<=33.01	Pass
CP-OFDM 256 QAM	2580	Edge 1RB Left	16.66	/	/	16.02	/	/	<=33.01	Pass
		Edge 1RB Right	16.51	/	/	15.87	/	/	<=33.01	Pass

		Outer_Full	17.01	/	/	16.37	/	/	<=33.01	Pass
		Inner_Full	16.91	/	/	16.27	/	/	<=33.01	Pass
		Inner_1RB_Left	16.59	/	/	15.95	/	/	<=33.01	Pass
		Inner_1RB_Right	16.77	/	/	16.13	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	16.68	/	/	16.04	/	/	<=33.01	Pass
		Edge_1RB_Right	16.82	/	/	16.18	/	/	<=33.01	Pass
		Outer_Full	16.97	/	/	16.33	/	/	<=33.01	Pass
		Inner_Full	16.94	/	/	16.30	/	/	<=33.01	Pass
		Inner_1RB_Left	16.58	/	/	15.94	/	/	<=33.01	Pass
		Inner_1RB_Right	16.85	/	/	16.21	/	/	<=33.01	Pass
	2610	Edge_1RB_Left	16.55	/	/	15.91	/	/	<=33.01	Pass
		Edge_1RB_Right	16.72	/	/	16.08	/	/	<=33.01	Pass
		Outer_Full	17.02	/	/	16.38	/	/	<=33.01	Pass
		Inner_Full	16.96	/	/	16.32	/	/	<=33.01	Pass
		Inner_1RB_Left	16.59	/	/	15.95	/	/	<=33.01	Pass
		Inner_1RB_Right	16.73	/	/	16.09	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant5: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_30M_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2585	Edge 1RB Left	22.95	/	/	22.31	/	/	<=33.01	Pass
		Edge 1RB Right	23.16	/	/	22.52	/	/	<=33.01	Pass
		Outer Full	23.03	/	/	22.39	/	/	<=33.01	Pass
		Inner Full	23.38	/	/	22.74	/	/	<=33.01	Pass
		Inner 1RB Left	23.44	/	/	22.80	/	/	<=33.01	Pass
		Inner 1RB Right	23.30	/	/	22.66	/	/	<=33.01	Pass
	2595	Edge 1RB Left	22.84	/	/	22.20	/	/	<=33.01	Pass
		Edge 1RB Right	22.86	/	/	22.22	/	/	<=33.01	Pass
		Outer Full	22.90	/	/	22.26	/	/	<=33.01	Pass
		Inner Full	23.36	/	/	22.72	/	/	<=33.01	Pass
		Inner 1RB Left	23.57	/	/	22.93	/	/	<=33.01	Pass
		Inner 1RB Right	23.50	/	/	22.86	/	/	<=33.01	Pass
	2605	Edge 1RB Left	23.01	/	/	22.37	/	/	<=33.01	Pass
		Edge 1RB Right	23.02	/	/	22.38	/	/	<=33.01	Pass
		Outer Full	23.07	/	/	22.43	/	/	<=33.01	Pass
		Inner Full	23.49	/	/	22.85	/	/	<=33.01	Pass
		Inner 1RB Left	23.63	/	/	22.99	/	/	<=33.01	Pass
		Inner 1RB Right	23.52	/	/	22.88	/	/	<=33.01	Pass
DFT-s-OFDM QPSK	2585	Edge 1RB Left	22.54	/	/	21.90	/	/	<=33.01	Pass
		Edge 1RB Right	22.38	/	/	21.74	/	/	<=33.01	Pass
		Outer Full	22.51	/	/	21.87	/	/	<=33.01	Pass
		Inner Full	23.34	/	/	22.70	/	/	<=33.01	Pass
		Inner 1RB Left	23.48	/	/	22.84	/	/	<=33.01	Pass
		Inner 1RB Right	23.55	/	/	22.91	/	/	<=33.01	Pass
	2595	Edge 1RB Left	22.37	/	/	21.73	/	/	<=33.01	Pass
		Edge 1RB Right	22.51	/	/	21.87	/	/	<=33.01	Pass
		Outer Full	22.30	/	/	21.66	/	/	<=33.01	Pass

		Inner Full	23.24	/	/	22.60	/	/	<=33.01	Pass
		Inner 1RB Left	23.60	/	/	22.96	/	/	<=33.01	Pass
		Inner 1RB Right	23.25	/	/	22.61	/	/	<=33.01	Pass
	2605	Edge 1RB Left	22.43	/	/	21.79	/	/	<=33.01	Pass
		Edge 1RB Right	22.50	/	/	21.86	/	/	<=33.01	Pass
		Outer Full	22.53	/	/	21.89	/	/	<=33.01	Pass
		Inner Full	23.31	/	/	22.67	/	/	<=33.01	Pass
		Inner 1RB Left	23.54	/	/	22.90	/	/	<=33.01	Pass
		Inner 1RB Right	23.48	/	/	22.84	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	2585	Edge 1RB Left	21.31	/	/	20.67	/	/	<=33.01	Pass
		Edge 1RB Right	21.56	/	/	20.92	/	/	<=33.01	Pass
		Outer Full	21.35	/	/	20.71	/	/	<=33.01	Pass
		Inner Full	22.60	/	/	21.96	/	/	<=33.01	Pass
		Inner 1RB Left	22.44	/	/	21.80	/	/	<=33.01	Pass
		Inner 1RB Right	22.61	/	/	21.97	/	/	<=33.01	Pass
	2595	Edge 1RB Left	21.50	/	/	20.86	/	/	<=33.01	Pass
		Edge 1RB Right	21.57	/	/	20.93	/	/	<=33.01	Pass
		Outer Full	21.43	/	/	20.79	/	/	<=33.01	Pass
		Inner Full	22.38	/	/	21.74	/	/	<=33.01	Pass
		Inner 1RB Left	22.76	/	/	22.12	/	/	<=33.01	Pass
		Inner 1RB Right	22.69	/	/	22.05	/	/	<=33.01	Pass
	2605	Edge 1RB Left	21.30	/	/	20.66	/	/	<=33.01	Pass
		Edge 1RB Right	21.29	/	/	20.65	/	/	<=33.01	Pass
		Outer Full	21.31	/	/	20.67	/	/	<=33.01	Pass
		Inner Full	22.45	/	/	21.81	/	/	<=33.01	Pass
		Inner 1RB Left	22.56	/	/	21.92	/	/	<=33.01	Pass
		Inner 1RB Right	22.55	/	/	21.91	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2585	Edge 1RB Left	20.97	/	/	20.33	/	/	<=33.01	Pass
		Edge 1RB Right	20.96	/	/	20.32	/	/	<=33.01	Pass
		Outer Full	20.92	/	/	20.28	/	/	<=33.01	Pass
		Inner Full	20.97	/	/	20.33	/	/	<=33.01	Pass
		Inner 1RB Left	20.98	/	/	20.34	/	/	<=33.01	Pass
		Inner 1RB Right	21.01	/	/	20.37	/	/	<=33.01	Pass
	2595	Edge 1RB Left	20.92	/	/	20.28	/	/	<=33.01	Pass
		Edge 1RB Right	20.95	/	/	20.31	/	/	<=33.01	Pass
		Outer Full	20.74	/	/	20.10	/	/	<=33.01	Pass
		Inner Full	20.93	/	/	20.29	/	/	<=33.01	Pass
		Inner 1RB Left	20.89	/	/	20.25	/	/	<=33.01	Pass
		Inner 1RB Right	20.74	/	/	20.10	/	/	<=33.01	Pass
	2605	Edge 1RB Left	20.96	/	/	20.32	/	/	<=33.01	Pass
		Edge 1RB Right	20.69	/	/	20.05	/	/	<=33.01	Pass
		Outer Full	21.03	/	/	20.39	/	/	<=33.01	Pass
		Inner Full	20.78	/	/	20.14	/	/	<=33.01	Pass
		Inner 1RB Left	20.85	/	/	20.21	/	/	<=33.01	Pass
		Inner 1RB Right	20.99	/	/	20.35	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	2585	Edge 1RB Left	18.87	/	/	18.23	/	/	<=33.01	Pass
		Edge 1RB Right	19.00	/	/	18.36	/	/	<=33.01	Pass
		Outer Full	19.09	/	/	18.45	/	/	<=33.01	Pass
		Inner Full	18.84	/	/	18.20	/	/	<=33.01	Pass
		Inner 1RB Left	19.14	/	/	18.50	/	/	<=33.01	Pass
		Inner 1RB Right	18.93	/	/	18.29	/	/	<=33.01	Pass
	2595	Edge 1RB Left	18.80	/	/	18.16	/	/	<=33.01	Pass
		Edge 1RB Right	18.73	/	/	18.09	/	/	<=33.01	Pass

		Outer_Full	19.09	/	/	18.45	/	/	<=33.01	Pass
		Inner_Full	19.05	/	/	18.41	/	/	<=33.01	Pass
		Inner_1RB_Left	19.05	/	/	18.41	/	/	<=33.01	Pass
		Inner_1RB_Right	18.91	/	/	18.27	/	/	<=33.01	Pass
	2605	Edge_1RB_Left	18.90	/	/	18.26	/	/	<=33.01	Pass
		Edge_1RB_Right	19.02	/	/	18.38	/	/	<=33.01	Pass
		Outer_Full	19.09	/	/	18.45	/	/	<=33.01	Pass
		Inner_Full	19.04	/	/	18.40	/	/	<=33.01	Pass
		Inner_1RB_Left	18.89	/	/	18.25	/	/	<=33.01	Pass
		Inner_1RB_Right	18.93	/	/	18.29	/	/	<=33.01	Pass
		Edge_1RB_Left	20.58	/	/	19.94	/	/	<=33.01	Pass
		Edge_1RB_Right	20.33	/	/	19.69	/	/	<=33.01	Pass
CP-OFDM QPSK	2585	Outer_Full	20.51	/	/	19.87	/	/	<=33.01	Pass
		Inner_Full	21.93	/	/	21.29	/	/	<=33.01	Pass
		Inner_1RB_Left	22.08	/	/	21.44	/	/	<=33.01	Pass
		Inner_1RB_Right	21.92	/	/	21.28	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	20.50	/	/	19.86	/	/	<=33.01	Pass
		Edge_1RB_Right	20.48	/	/	19.84	/	/	<=33.01	Pass
		Outer_Full	20.48	/	/	19.84	/	/	<=33.01	Pass
		Inner_Full	21.98	/	/	21.34	/	/	<=33.01	Pass
		Inner_1RB_Left	21.92	/	/	21.28	/	/	<=33.01	Pass
		Inner_1RB_Right	22.21	/	/	21.57	/	/	<=33.01	Pass
	2605	Edge_1RB_Left	20.30	/	/	19.66	/	/	<=33.01	Pass
		Edge_1RB_Right	20.19	/	/	19.55	/	/	<=33.01	Pass
		Outer_Full	20.32	/	/	19.68	/	/	<=33.01	Pass
		Inner_Full	22.01	/	/	21.37	/	/	<=33.01	Pass
		Inner_1RB_Left	22.11	/	/	21.47	/	/	<=33.01	Pass
		Inner_1RB_Right	21.78	/	/	21.14	/	/	<=33.01	Pass
CP-OFDM 16 QAM	2585	Edge_1RB_Left	20.65	/	/	20.01	/	/	<=33.01	Pass
		Edge_1RB_Right	20.38	/	/	19.74	/	/	<=33.01	Pass
		Outer_Full	20.35	/	/	19.71	/	/	<=33.01	Pass
		Inner_Full	21.43	/	/	20.79	/	/	<=33.01	Pass
		Inner_1RB_Left	21.69	/	/	21.05	/	/	<=33.01	Pass
		Inner_1RB_Right	21.77	/	/	21.13	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	20.52	/	/	19.88	/	/	<=33.01	Pass
		Edge_1RB_Right	20.74	/	/	20.10	/	/	<=33.01	Pass
		Outer_Full	20.43	/	/	19.79	/	/	<=33.01	Pass
		Inner_Full	21.52	/	/	20.88	/	/	<=33.01	Pass
		Inner_1RB_Left	21.52	/	/	20.88	/	/	<=33.01	Pass
		Inner_1RB_Right	21.74	/	/	21.10	/	/	<=33.01	Pass
	2605	Edge_1RB_Left	20.44	/	/	19.80	/	/	<=33.01	Pass
		Edge_1RB_Right	20.82	/	/	20.18	/	/	<=33.01	Pass
		Outer_Full	20.42	/	/	19.78	/	/	<=33.01	Pass
		Inner_Full	21.21	/	/	20.57	/	/	<=33.01	Pass
		Inner_1RB_Left	21.54	/	/	20.90	/	/	<=33.01	Pass
		Inner_1RB_Right	21.69	/	/	21.05	/	/	<=33.01	Pass
CP-OFDM 64 QAM	2585	Edge_1RB_Left	19.77	/	/	19.13	/	/	<=33.01	Pass
		Edge_1RB_Right	19.58	/	/	18.94	/	/	<=33.01	Pass
		Outer_Full	19.91	/	/	19.27	/	/	<=33.01	Pass
		Inner_Full	20.01	/	/	19.37	/	/	<=33.01	Pass
		Inner_1RB_Left	19.75	/	/	19.11	/	/	<=33.01	Pass
		Inner_1RB_Right	19.85	/	/	19.21	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	19.84	/	/	19.20	/	/	<=33.01	Pass

		Edge_1RB_Right	19.86	/	/	19.22	/	/	<=33.01	Pass
		Outer_Full	19.98	/	/	19.34	/	/	<=33.01	Pass
		Inner_Full	19.85	/	/	19.21	/	/	<=33.01	Pass
		Inner_1RB_Left	19.82	/	/	19.18	/	/	<=33.01	Pass
		Inner_1RB_Right	19.64	/	/	19.00	/	/	<=33.01	Pass
	2605	Edge_1RB_Left	19.87	/	/	19.23	/	/	<=33.01	Pass
		Edge_1RB_Right	19.86	/	/	19.22	/	/	<=33.01	Pass
		Outer_Full	19.83	/	/	19.19	/	/	<=33.01	Pass
		Inner_Full	20.03	/	/	19.39	/	/	<=33.01	Pass
		Inner_1RB_Left	19.61	/	/	18.97	/	/	<=33.01	Pass
Inner_1RB_Right	19.77	/	/	19.13	/	/	<=33.01	Pass		
CP-OFDM 256 QAM	2585	Edge_1RB_Left	16.72	/	/	16.08	/	/	<=33.01	Pass
		Edge_1RB_Right	16.78	/	/	16.14	/	/	<=33.01	Pass
		Outer_Full	17.13	/	/	16.49	/	/	<=33.01	Pass
		Inner_Full	17.00	/	/	16.36	/	/	<=33.01	Pass
		Inner_1RB_Left	16.70	/	/	16.06	/	/	<=33.01	Pass
		Inner_1RB_Right	16.79	/	/	16.15	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	16.76	/	/	16.12	/	/	<=33.01	Pass
		Edge_1RB_Right	16.81	/	/	16.17	/	/	<=33.01	Pass
		Outer_Full	17.06	/	/	16.42	/	/	<=33.01	Pass
		Inner_Full	16.91	/	/	16.27	/	/	<=33.01	Pass
		Inner_1RB_Left	16.71	/	/	16.07	/	/	<=33.01	Pass
		Inner_1RB_Right	16.85	/	/	16.21	/	/	<=33.01	Pass
	2605	Edge_1RB_Left	16.59	/	/	15.95	/	/	<=33.01	Pass
		Edge_1RB_Right	16.57	/	/	15.93	/	/	<=33.01	Pass
		Outer_Full	16.79	/	/	16.15	/	/	<=33.01	Pass
		Inner_Full	17.02	/	/	16.38	/	/	<=33.01	Pass
		Inner_1RB_Left	16.59	/	/	15.95	/	/	<=33.01	Pass
	Inner_1RB_Right	16.61	/	/	15.97	/	/	<=33.01	Pass	
	Note1: Antenna Gain: Ant5: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.3 30_S_40M_NTNV_EIRP

5G NR n38 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	2590	Edge 1RB Left	22.97	/	/	22.33	/	/	<=33.01	Pass
		Edge 1RB Right	22.86	/	/	22.22	/	/	<=33.01	Pass
		Outer Full	22.93	/	/	22.29	/	/	<=33.01	Pass
		Inner Full	23.52	/	/	22.88	/	/	<=33.01	Pass
		Inner 1RB Left	23.64	/	/	23.00	/	/	<=33.01	Pass
		Inner 1RB Right	23.45	/	/	22.81	/	/	<=33.01	Pass
	2595	Edge 1RB Left	23.04	/	/	22.40	/	/	<=33.01	Pass
		Edge 1RB Right	22.79	/	/	22.15	/	/	<=33.01	Pass
		Outer Full	23.12	/	/	22.48	/	/	<=33.01	Pass
		Inner Full	23.55	/	/	22.91	/	/	<=33.01	Pass
		Inner 1RB Left	23.48	/	/	22.84	/	/	<=33.01	Pass
		Inner 1RB Right	23.50	/	/	22.86	/	/	<=33.01	Pass
	2600	Edge 1RB Left	23.13	/	/	22.49	/	/	<=33.01	Pass
		Edge 1RB Right	22.93	/	/	22.29	/	/	<=33.01	Pass

DFT-s-OFDM QPSK		Outer_Full	23.07	/	/	22.43	/	/	<=33.01	Pass
		Inner_Full	23.48	/	/	22.84	/	/	<=33.01	Pass
		Inner_1RB_Left	23.40	/	/	22.76	/	/	<=33.01	Pass
		Inner_1RB_Right	23.50	/	/	22.86	/	/	<=33.01	Pass
	2590	Edge_1RB_Left	22.27	/	/	21.63	/	/	<=33.01	Pass
		Edge_1RB_Right	22.54	/	/	21.90	/	/	<=33.01	Pass
		Outer_Full	22.60	/	/	21.96	/	/	<=33.01	Pass
		Inner_Full	23.54	/	/	22.90	/	/	<=33.01	Pass
	2595	Inner_1RB_Left	23.51	/	/	22.87	/	/	<=33.01	Pass
		Inner_1RB_Right	23.54	/	/	22.90	/	/	<=33.01	Pass
		Edge_1RB_Left	22.41	/	/	21.77	/	/	<=33.01	Pass
		Edge_1RB_Right	22.54	/	/	21.90	/	/	<=33.01	Pass
DFT-s-OFDM 16 QAM	2590	Outer_Full	22.43	/	/	21.79	/	/	<=33.01	Pass
		Inner_Full	23.49	/	/	22.85	/	/	<=33.01	Pass
		Inner_1RB_Left	23.54	/	/	22.90	/	/	<=33.01	Pass
		Inner_1RB_Right	23.52	/	/	22.88	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	22.52	/	/	21.88	/	/	<=33.01	Pass
		Edge_1RB_Right	22.33	/	/	21.69	/	/	<=33.01	Pass
		Outer_Full	22.59	/	/	21.95	/	/	<=33.01	Pass
		Inner_Full	23.52	/	/	22.88	/	/	<=33.01	Pass
	2600	Inner_1RB_Left	23.67	/	/	23.03	/	/	<=33.01	Pass
		Inner_1RB_Right	23.14	/	/	22.50	/	/	<=33.01	Pass
		Edge_1RB_Left	21.52	/	/	20.88	/	/	<=33.01	Pass
		Edge_1RB_Right	21.43	/	/	20.79	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2590	Outer_Full	21.34	/	/	20.70	/	/	<=33.01	Pass
		Inner_Full	22.43	/	/	21.79	/	/	<=33.01	Pass
		Inner_1RB_Left	22.50	/	/	21.86	/	/	<=33.01	Pass
		Inner_1RB_Right	22.67	/	/	22.03	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	21.60	/	/	20.96	/	/	<=33.01	Pass
		Edge_1RB_Right	21.34	/	/	20.70	/	/	<=33.01	Pass
		Outer_Full	21.45	/	/	20.81	/	/	<=33.01	Pass
		Inner_Full	22.32	/	/	21.68	/	/	<=33.01	Pass
	2600	Inner_1RB_Left	22.47	/	/	21.83	/	/	<=33.01	Pass
		Inner_1RB_Right	22.73	/	/	22.09	/	/	<=33.01	Pass
		Edge_1RB_Left	21.51	/	/	20.87	/	/	<=33.01	Pass
		Edge_1RB_Right	21.37	/	/	20.73	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2590	Outer_Full	21.26	/	/	20.62	/	/	<=33.01	Pass
		Inner_Full	22.48	/	/	21.84	/	/	<=33.01	Pass
		Inner_1RB_Left	22.39	/	/	21.75	/	/	<=33.01	Pass
		Inner_1RB_Right	22.23	/	/	21.59	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	21.17	/	/	20.53	/	/	<=33.01	Pass
		Edge_1RB_Right	20.82	/	/	20.18	/	/	<=33.01	Pass
		Outer_Full	20.84	/	/	20.20	/	/	<=33.01	Pass
		Inner_Full	20.98	/	/	20.34	/	/	<=33.01	Pass
	2600	Inner_1RB_Left	21.12	/	/	20.48	/	/	<=33.01	Pass
		Inner_1RB_Right	20.96	/	/	20.32	/	/	<=33.01	Pass
		Edge_1RB_Left	21.12	/	/	20.48	/	/	<=33.01	Pass
		Edge_1RB_Right	20.99	/	/	20.35	/	/	<=33.01	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	20.98	/	/	20.34	/	/	<=33.01	Pass
		Inner_Full	20.95	/	/	20.31	/	/	<=33.01	Pass
		Inner_1RB_Left	20.93	/	/	20.29	/	/	<=33.01	Pass
		Inner_1RB_Right	20.86	/	/	20.22	/	/	<=33.01	Pass
	2600	Edge_1RB_Left	20.93	/	/	20.29	/	/	<=33.01	Pass
		Edge_1RB_Right	20.86	/	/	20.22	/	/	<=33.01	Pass
		Outer_Full	20.98	/	/	20.34	/	/	<=33.01	Pass
		Inner_Full	20.95	/	/	20.31	/	/	<=33.01	Pass
	2600	Inner_1RB_Left	20.93	/	/	20.29	/	/	<=33.01	Pass
		Inner_1RB_Right	20.86	/	/	20.22	/	/	<=33.01	Pass
		Edge_1RB_Left	20.93	/	/	20.29	/	/	<=33.01	Pass
		Edge_1RB_Right	20.86	/	/	20.22	/	/	<=33.01	Pass

		Edge_1RB_Right	21.01	/	/	20.37	/	/	<=33.01	Pass
		Outer_Full	20.91	/	/	20.27	/	/	<=33.01	Pass
		Inner_Full	20.74	/	/	20.10	/	/	<=33.01	Pass
		Inner_1RB_Left	20.86	/	/	20.22	/	/	<=33.01	Pass
		Inner_1RB_Right	20.86	/	/	20.22	/	/	<=33.01	Pass
DFT-s-OFDM 256 QAM	2590	Edge_1RB_Left	19.00	/	/	18.36	/	/	<=33.01	Pass
		Edge_1RB_Right	18.93	/	/	18.29	/	/	<=33.01	Pass
		Outer_Full	19.06	/	/	18.42	/	/	<=33.01	Pass
		Inner_Full	18.97	/	/	18.33	/	/	<=33.01	Pass
		Inner_1RB_Left	18.83	/	/	18.19	/	/	<=33.01	Pass
	2595	Inner_1RB_Right	19.07	/	/	18.43	/	/	<=33.01	Pass
		Edge_1RB_Left	18.98	/	/	18.34	/	/	<=33.01	Pass
		Edge_1RB_Right	18.87	/	/	18.23	/	/	<=33.01	Pass
		Outer_Full	18.93	/	/	18.29	/	/	<=33.01	Pass
		Inner_Full	18.93	/	/	18.29	/	/	<=33.01	Pass
	2600	Inner_1RB_Left	19.05	/	/	18.41	/	/	<=33.01	Pass
		Inner_1RB_Right	19.14	/	/	18.50	/	/	<=33.01	Pass
		Edge_1RB_Left	18.91	/	/	18.27	/	/	<=33.01	Pass
		Edge_1RB_Right	18.86	/	/	18.22	/	/	<=33.01	Pass
		Outer_Full	19.11	/	/	18.47	/	/	<=33.01	Pass
CP-OFDM QPSK	2590	Inner_Full	18.84	/	/	18.20	/	/	<=33.01	Pass
		Inner_1RB_Left	18.85	/	/	18.21	/	/	<=33.01	Pass
		Inner_1RB_Right	18.99	/	/	18.35	/	/	<=33.01	Pass
		Edge_1RB_Left	20.52	/	/	19.88	/	/	<=33.01	Pass
		Edge_1RB_Right	20.68	/	/	20.04	/	/	<=33.01	Pass
	2595	Outer_Full	20.34	/	/	19.70	/	/	<=33.01	Pass
		Inner_Full	22.03	/	/	21.39	/	/	<=33.01	Pass
		Inner_1RB_Left	21.85	/	/	21.21	/	/	<=33.01	Pass
		Inner_1RB_Right	21.86	/	/	21.22	/	/	<=33.01	Pass
		Edge_1RB_Left	20.56	/	/	19.92	/	/	<=33.01	Pass
	2600	Edge_1RB_Right	20.44	/	/	19.80	/	/	<=33.01	Pass
		Outer_Full	20.34	/	/	19.70	/	/	<=33.01	Pass
		Inner_Full	21.84	/	/	21.20	/	/	<=33.01	Pass
		Inner_1RB_Left	22.12	/	/	21.48	/	/	<=33.01	Pass
		Inner_1RB_Right	21.94	/	/	21.30	/	/	<=33.01	Pass
CP-OFDM 16 QAM	2590	Edge_1RB_Left	20.56	/	/	19.92	/	/	<=33.01	Pass
		Edge_1RB_Right	20.71	/	/	20.07	/	/	<=33.01	Pass
		Outer_Full	20.51	/	/	19.87	/	/	<=33.01	Pass
		Inner_Full	21.96	/	/	21.32	/	/	<=33.01	Pass
		Inner_1RB_Left	21.99	/	/	21.35	/	/	<=33.01	Pass
	2595	Inner_1RB_Right	22.00	/	/	21.36	/	/	<=33.01	Pass
		Edge_1RB_Left	20.51	/	/	19.87	/	/	<=33.01	Pass
		Edge_1RB_Right	20.79	/	/	20.15	/	/	<=33.01	Pass
		Outer_Full	20.49	/	/	19.85	/	/	<=33.01	Pass
		Inner_Full	21.48	/	/	20.84	/	/	<=33.01	Pass
	2600	Inner_1RB_Left	21.55	/	/	20.91	/	/	<=33.01	Pass
		Inner_1RB_Right	21.80	/	/	21.16	/	/	<=33.01	Pass
		Edge_1RB_Left	20.60	/	/	19.96	/	/	<=33.01	Pass
		Edge_1RB_Right	21.02	/	/	20.38	/	/	<=33.01	Pass
		Outer_Full	20.43	/	/	19.79	/	/	<=33.01	Pass
	2595	Inner_Full	21.30	/	/	20.66	/	/	<=33.01	Pass
		Inner_1RB_Left	21.57	/	/	20.93	/	/	<=33.01	Pass
		Inner_1RB_Right	21.67	/	/	21.03	/	/	<=33.01	Pass

	2600	Edge_1RB_Left	20.54	/	/	19.90	/	/	<=33.01	Pass
		Edge_1RB_Right	20.63	/	/	19.99	/	/	<=33.01	Pass
		Outer_Full	20.36	/	/	19.72	/	/	<=33.01	Pass
		Inner_Full	21.55	/	/	20.91	/	/	<=33.01	Pass
		Inner_1RB_Left	21.61	/	/	20.97	/	/	<=33.01	Pass
		Inner_1RB_Right	21.78	/	/	21.14	/	/	<=33.01	Pass
CP-OFDM 64 QAM	2590	Edge_1RB_Left	19.95	/	/	19.31	/	/	<=33.01	Pass
		Edge_1RB_Right	19.77	/	/	19.13	/	/	<=33.01	Pass
		Outer_Full	20.02	/	/	19.38	/	/	<=33.01	Pass
		Inner_Full	19.84	/	/	19.20	/	/	<=33.01	Pass
		Inner_1RB_Left	20.04	/	/	19.40	/	/	<=33.01	Pass
		Inner_1RB_Right	19.76	/	/	19.12	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	20.00	/	/	19.36	/	/	<=33.01	Pass
		Edge_1RB_Right	19.72	/	/	19.08	/	/	<=33.01	Pass
		Outer_Full	19.98	/	/	19.34	/	/	<=33.01	Pass
		Inner_Full	19.91	/	/	19.27	/	/	<=33.01	Pass
		Inner_1RB_Left	19.68	/	/	19.04	/	/	<=33.01	Pass
		Inner_1RB_Right	19.86	/	/	19.22	/	/	<=33.01	Pass
	2600	Edge_1RB_Left	19.41	/	/	18.77	/	/	<=33.01	Pass
		Edge_1RB_Right	19.73	/	/	19.09	/	/	<=33.01	Pass
		Outer_Full	20.03	/	/	19.39	/	/	<=33.01	Pass
		Inner_Full	20.07	/	/	19.43	/	/	<=33.01	Pass
		Inner_1RB_Left	19.89	/	/	19.25	/	/	<=33.01	Pass
		Inner_1RB_Right	19.88	/	/	19.24	/	/	<=33.01	Pass
CP-OFDM 256 QAM	2590	Edge_1RB_Left	16.81	/	/	16.17	/	/	<=33.01	Pass
		Edge_1RB_Right	16.96	/	/	16.32	/	/	<=33.01	Pass
		Outer_Full	16.91	/	/	16.27	/	/	<=33.01	Pass
		Inner_Full	17.06	/	/	16.42	/	/	<=33.01	Pass
		Inner_1RB_Left	16.76	/	/	16.12	/	/	<=33.01	Pass
		Inner_1RB_Right	16.82	/	/	16.18	/	/	<=33.01	Pass
	2595	Edge_1RB_Left	16.59	/	/	15.95	/	/	<=33.01	Pass
		Edge_1RB_Right	16.70	/	/	16.06	/	/	<=33.01	Pass
		Outer_Full	16.87	/	/	16.23	/	/	<=33.01	Pass
		Inner_Full	17.01	/	/	16.37	/	/	<=33.01	Pass
		Inner_1RB_Left	16.73	/	/	16.09	/	/	<=33.01	Pass
		Inner_1RB_Right	16.70	/	/	16.06	/	/	<=33.01	Pass
	2600	Edge_1RB_Left	16.90	/	/	16.26	/	/	<=33.01	Pass
		Edge_1RB_Right	16.93	/	/	16.29	/	/	<=33.01	Pass
		Outer_Full	16.95	/	/	16.31	/	/	<=33.01	Pass
		Inner_Full	16.87	/	/	16.23	/	/	<=33.01	Pass
		Inner_1RB_Left	16.76	/	/	16.12	/	/	<=33.01	Pass
		Inner_1RB_Right	16.81	/	/	16.17	/	/	<=33.01	Pass
Note1: Antenna Gain: Ant5: -0.64dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_40M



5G NR n38 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2595	Outer_Full	20	LV	-6.22	-0.0024	>=-2.5 & <=2.5	Pass
				HV	-11.78	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-6.56	-0.0025	>=-2.5 & <=2.5	Pass
			-20	NV	-4.62	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-3.17	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-4.11	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	-17.31	-0.0067	>=-2.5 & <=2.5	Pass
			20	NV	-9.15	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-7.14	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	1.70	0.0007	>=-2.5 & <=2.5	Pass
50	NV	-14.97	-0.0058	>=-2.5 & <=2.5	Pass			

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_20M_NTNV

5G NR n38 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	17.84	19.36	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	17.87	19.24	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	17.84	18.96	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	17.92	19.40	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	17.89	19.53	/	Pass
CP-OFDM QPSK	2595	Outer_Full	18.28	21.78	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	18.27	21.45	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	18.34	22.34	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	18.30	20.97	/	Pass

3.1.2 30_S_30M_NTNV

5G NR n38 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	26.82	28.79	/	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	26.86	28.47	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer_Full	26.88	28.77	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer_Full	26.89	28.75	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer_Full	26.90	28.53	/	Pass
CP-OFDM QPSK	2595	Outer_Full	27.95	29.71	/	Pass
CP-OFDM 16 QAM	2595	Outer_Full	27.96	30.75	/	Pass
CP-OFDM 64 QAM	2595	Outer_Full	27.96	30.00	/	Pass
CP-OFDM 256 QAM	2595	Outer_Full	28.02	30.53	/	Pass

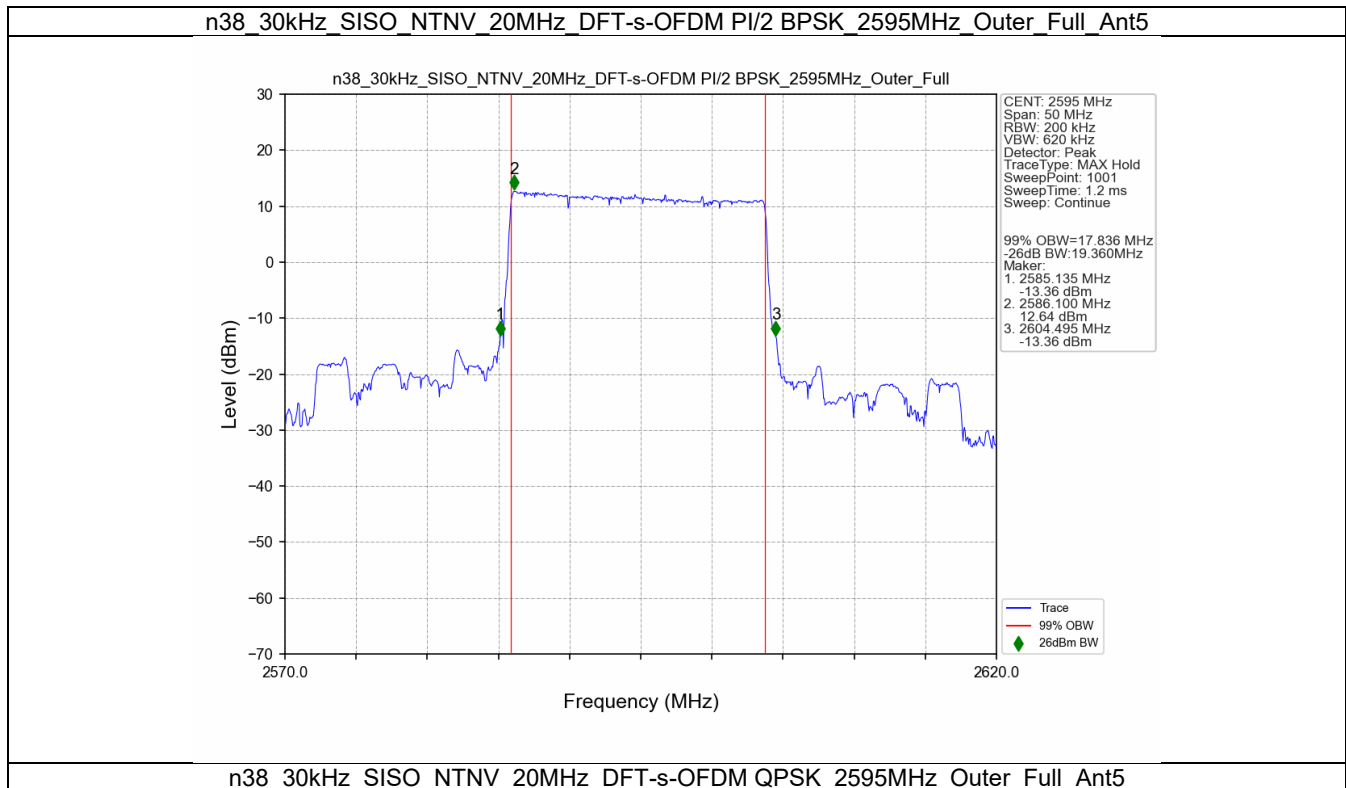


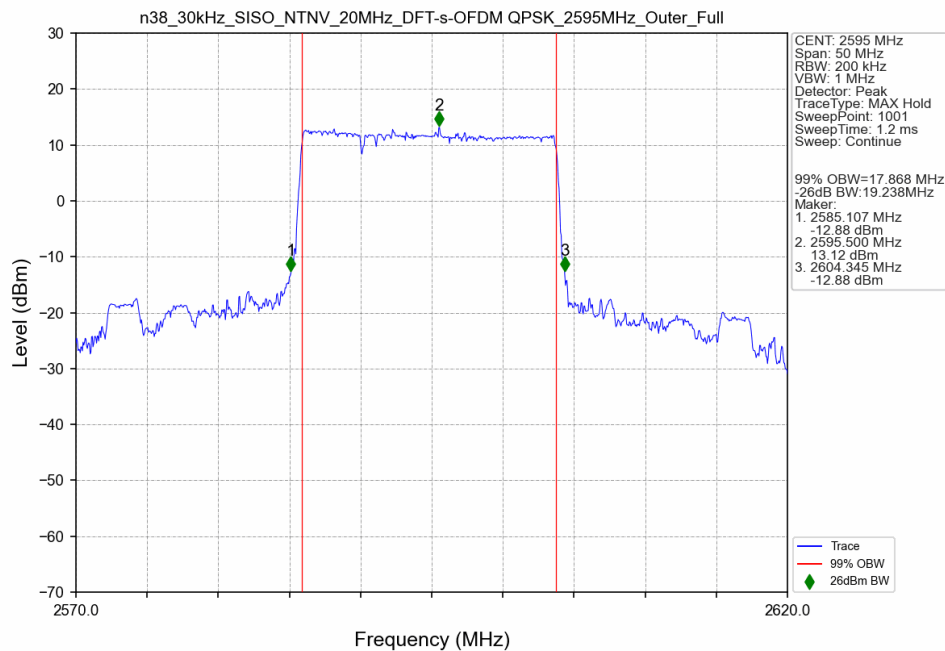
3.1.3 30_S_40M_NTNV

5G NR n38 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2595	Outer Full	35.79	37.77	/	Pass
DFT-s-OFDM QPSK	2595	Outer Full	36.03	38.67	/	Pass
DFT-s-OFDM 16 QAM	2595	Outer Full	36.10	38.63	/	Pass
DFT-s-OFDM 64 QAM	2595	Outer Full	36.15	38.53	/	Pass
DFT-s-OFDM 256 QAM	2595	Outer Full	36.13	40.91	/	Pass
CP-OFDM QPSK	2595	Outer Full	38.21	42.44	/	Pass
CP-OFDM 16 QAM	2595	Outer Full	38.17	42.54	/	Pass
CP-OFDM 64 QAM	2595	Outer Full	38.35	41.20	/	Pass
CP-OFDM 256 QAM	2595	Outer Full	37.96	41.52	/	Pass

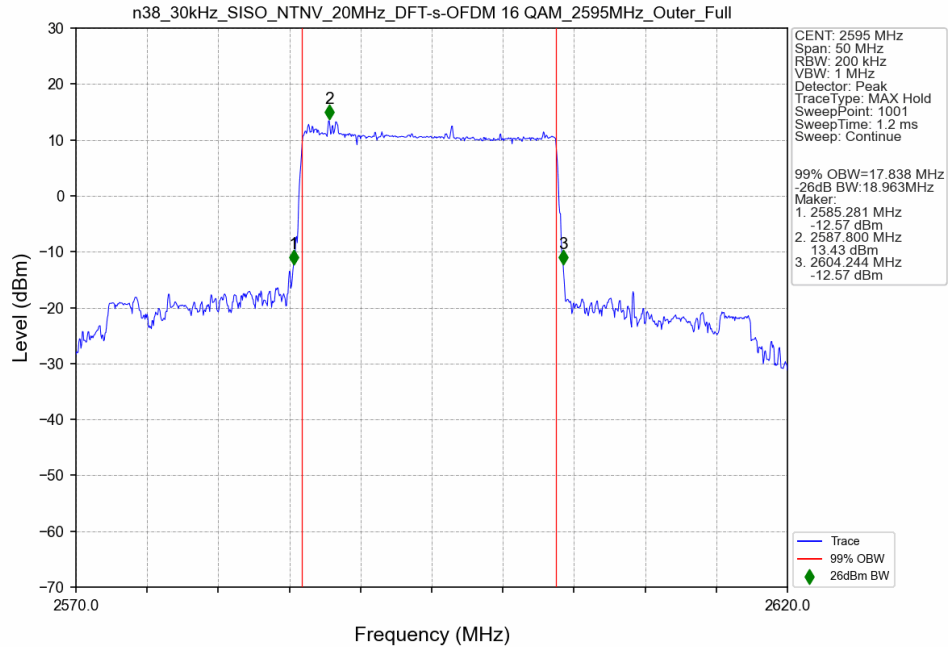
3.2 Test Graph

3.2.1 30_S_20M_NTNV

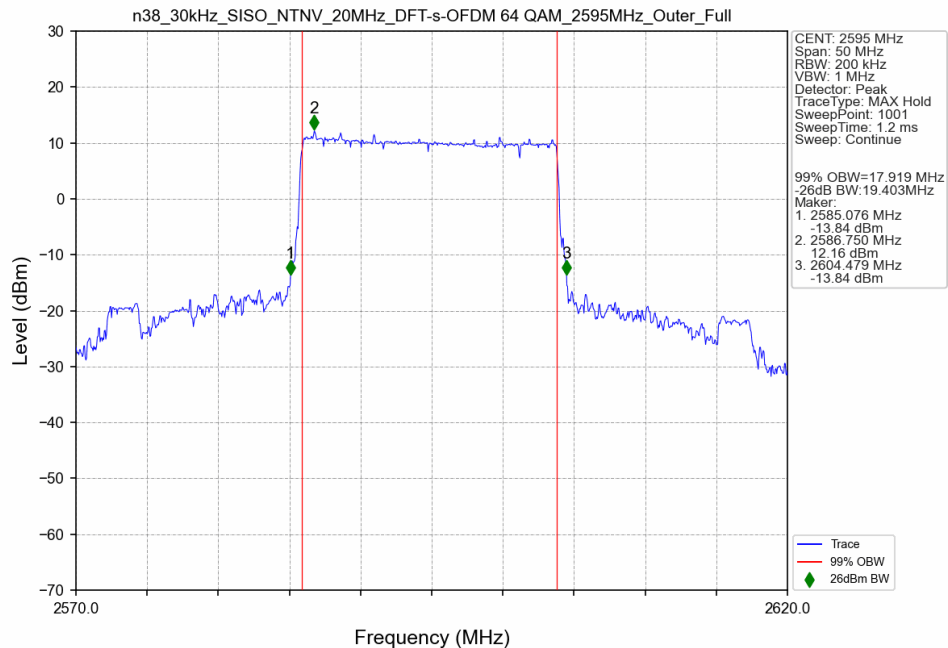


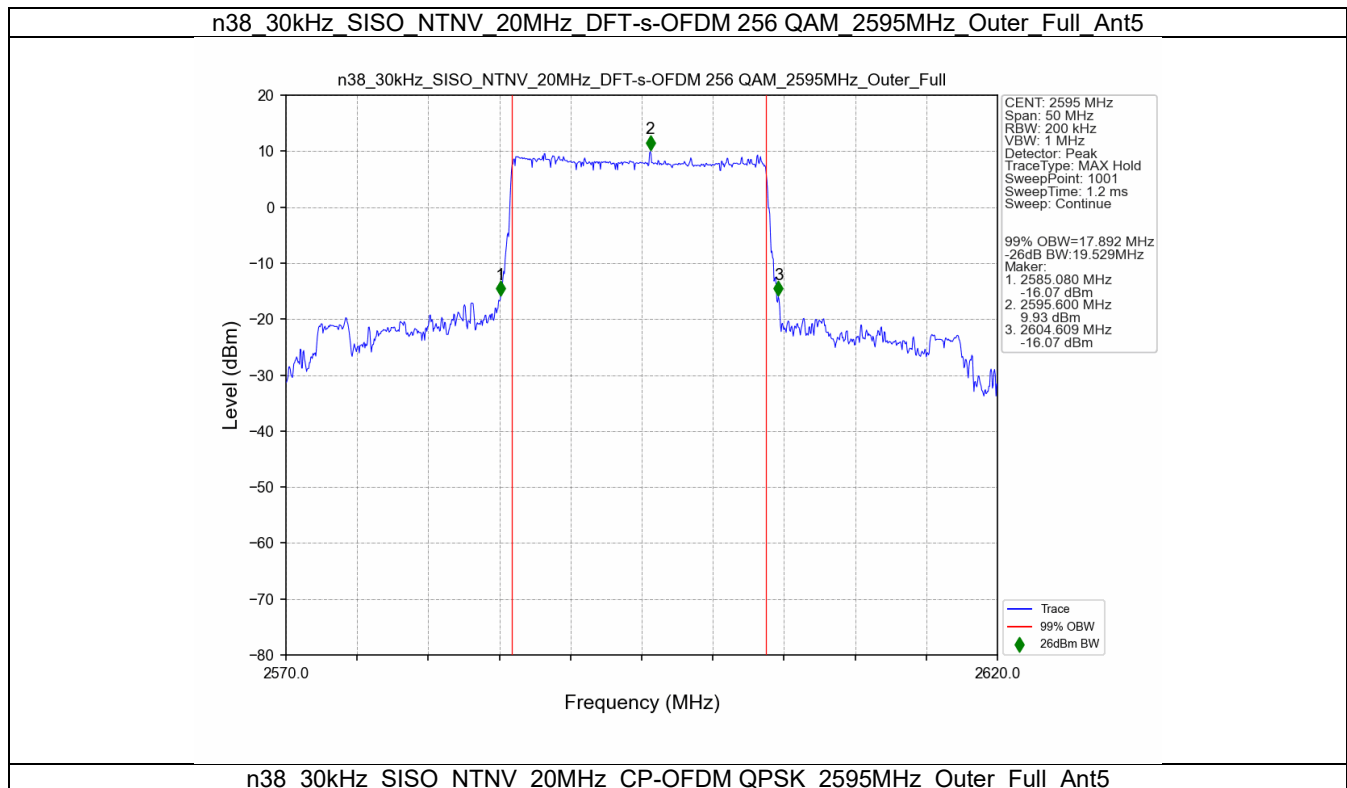


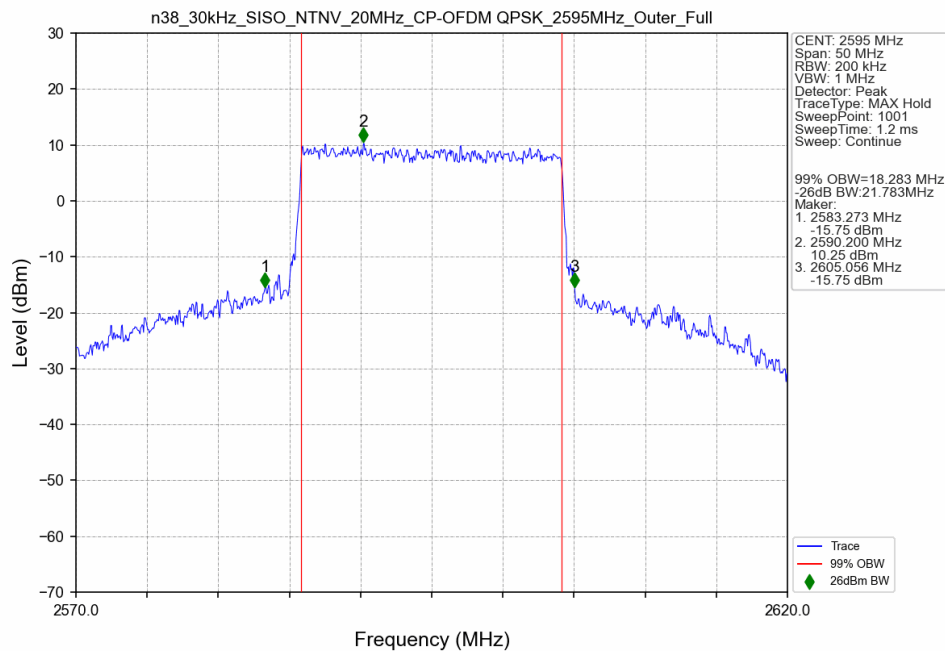
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant5



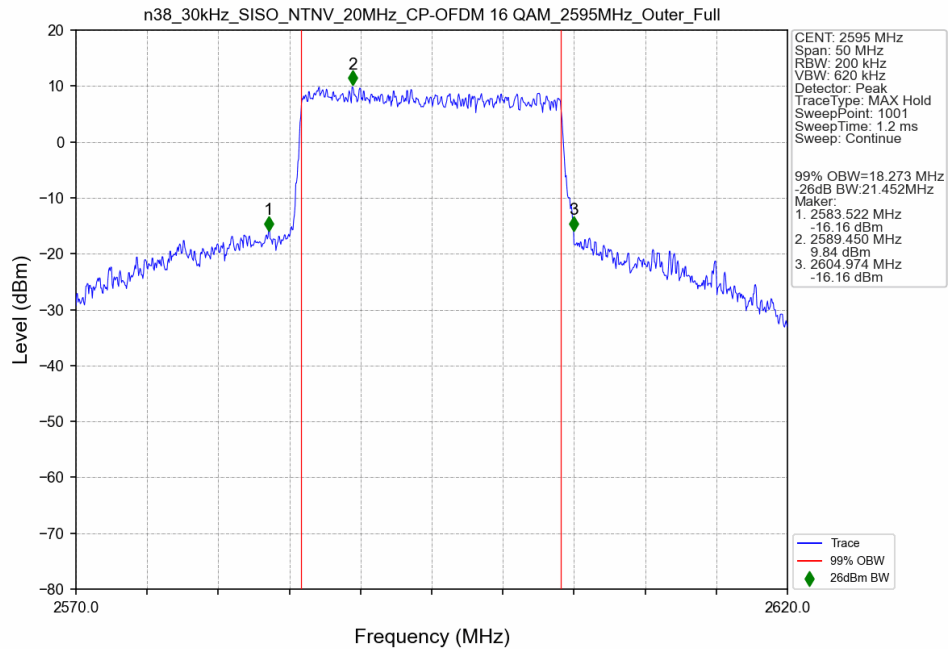
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant5



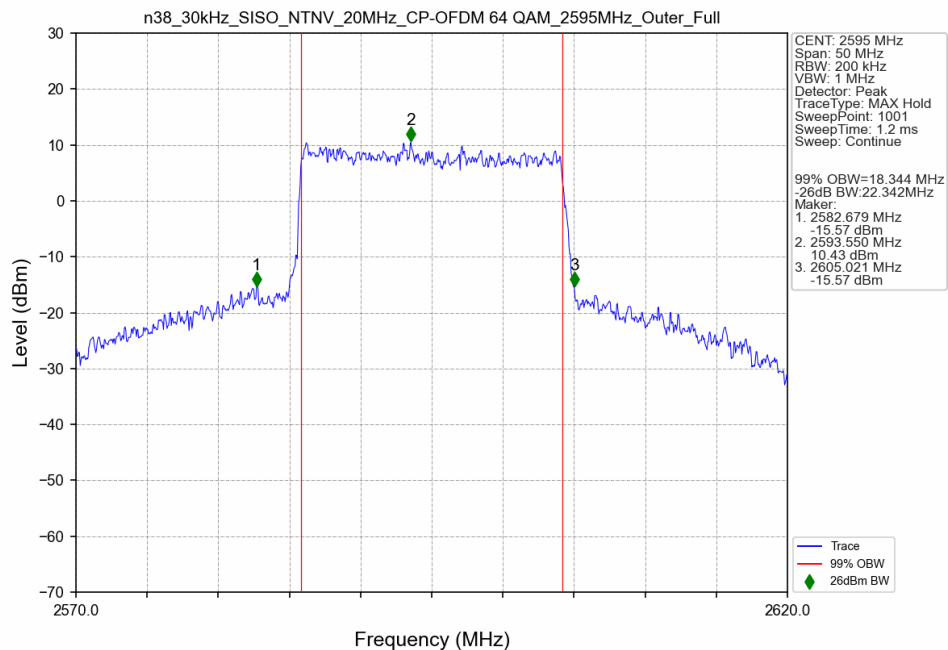




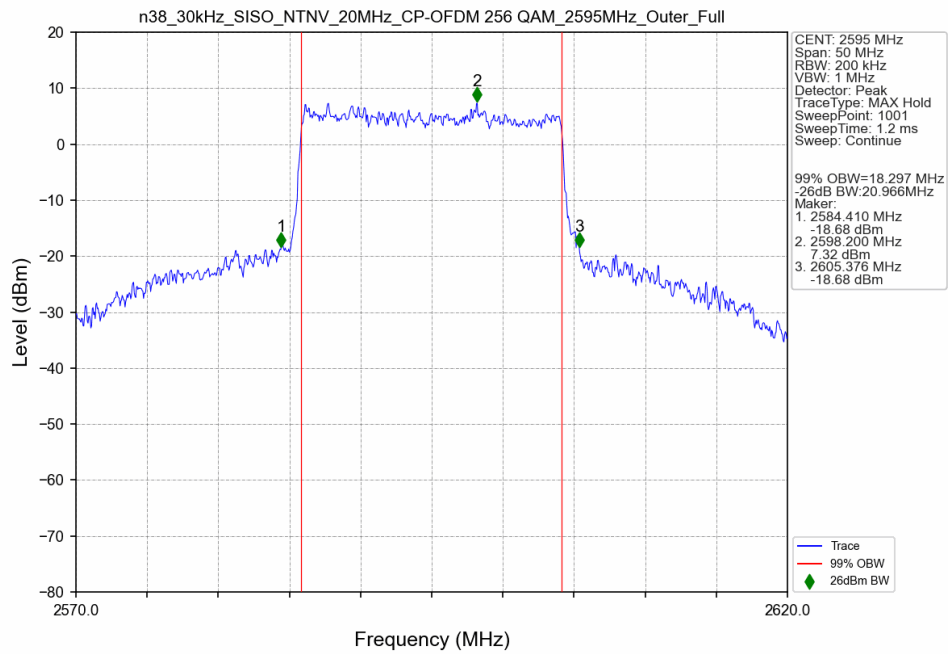
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant5



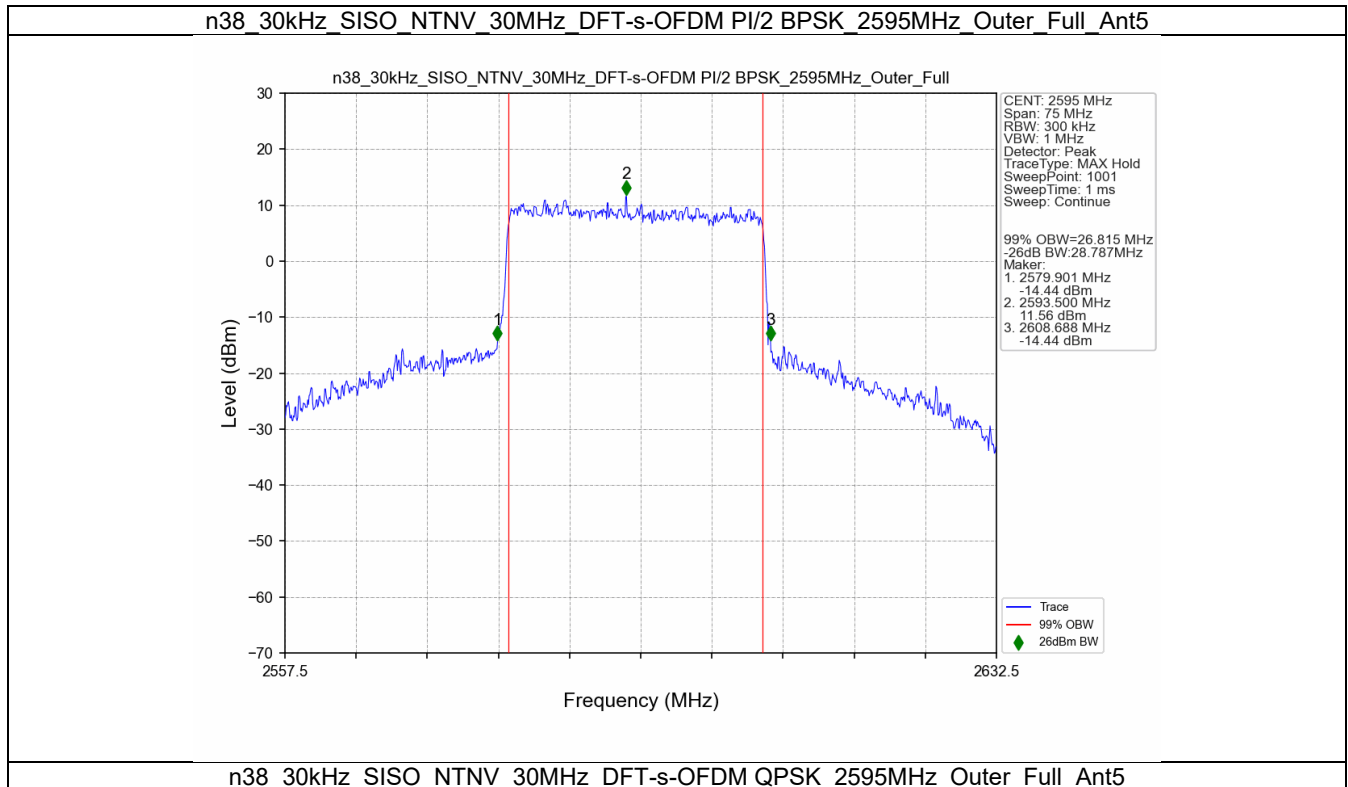
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant5

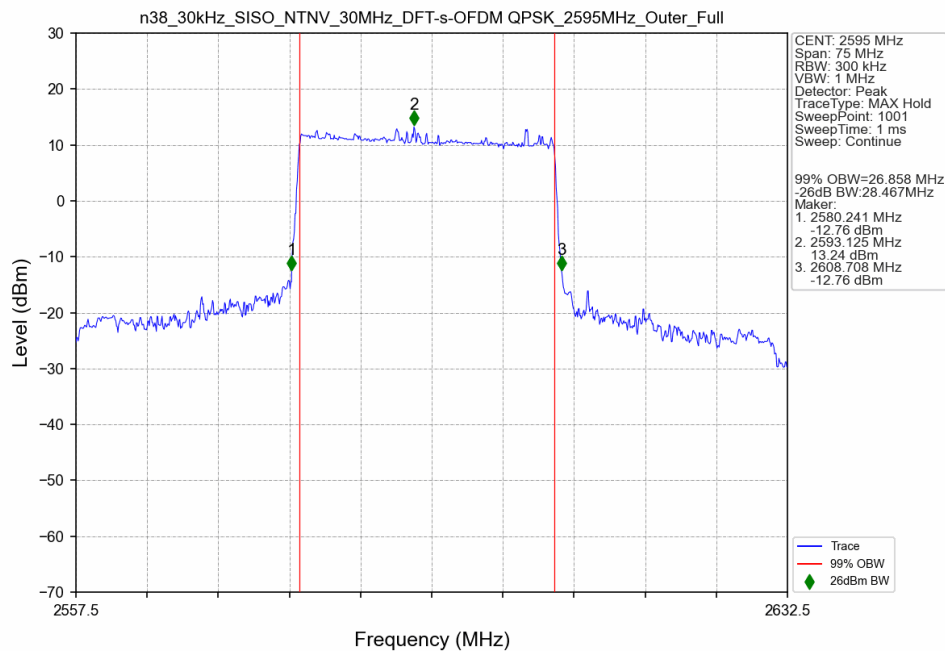


n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM 2595MHz_Outer_Full_Ant5

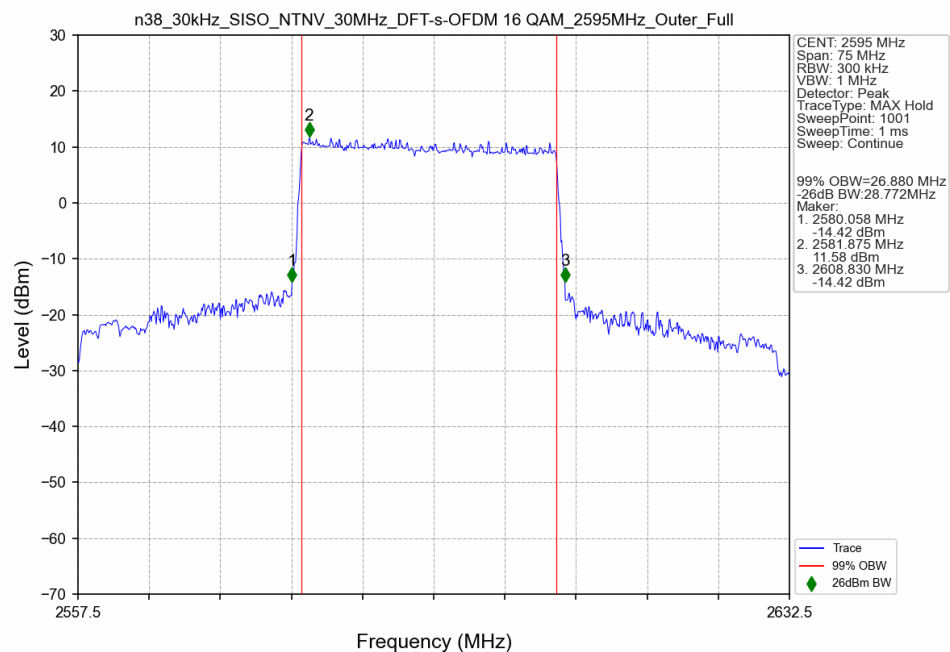


3.2.2 30_S_30M_NTNV

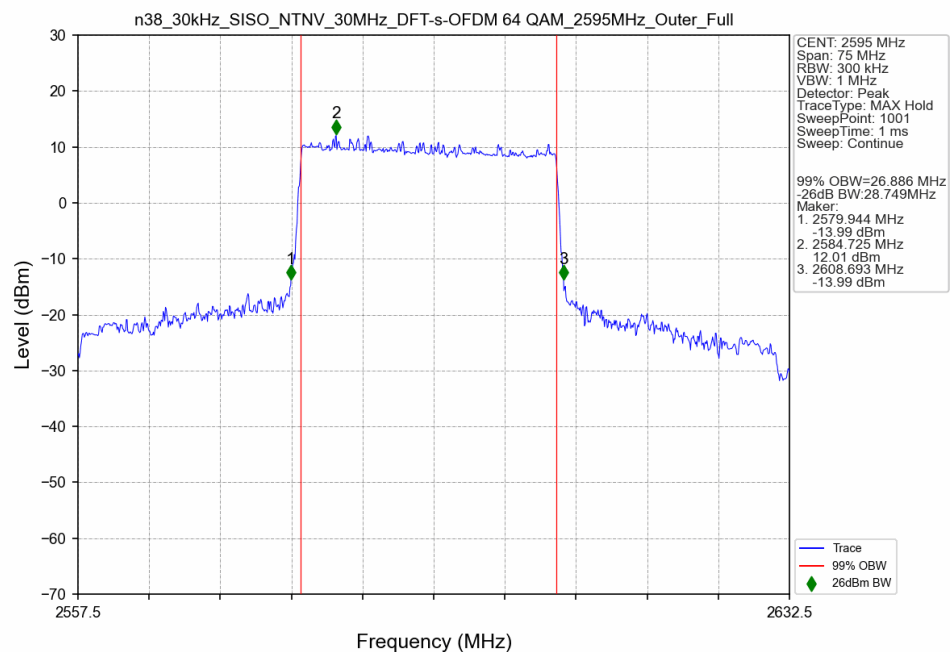


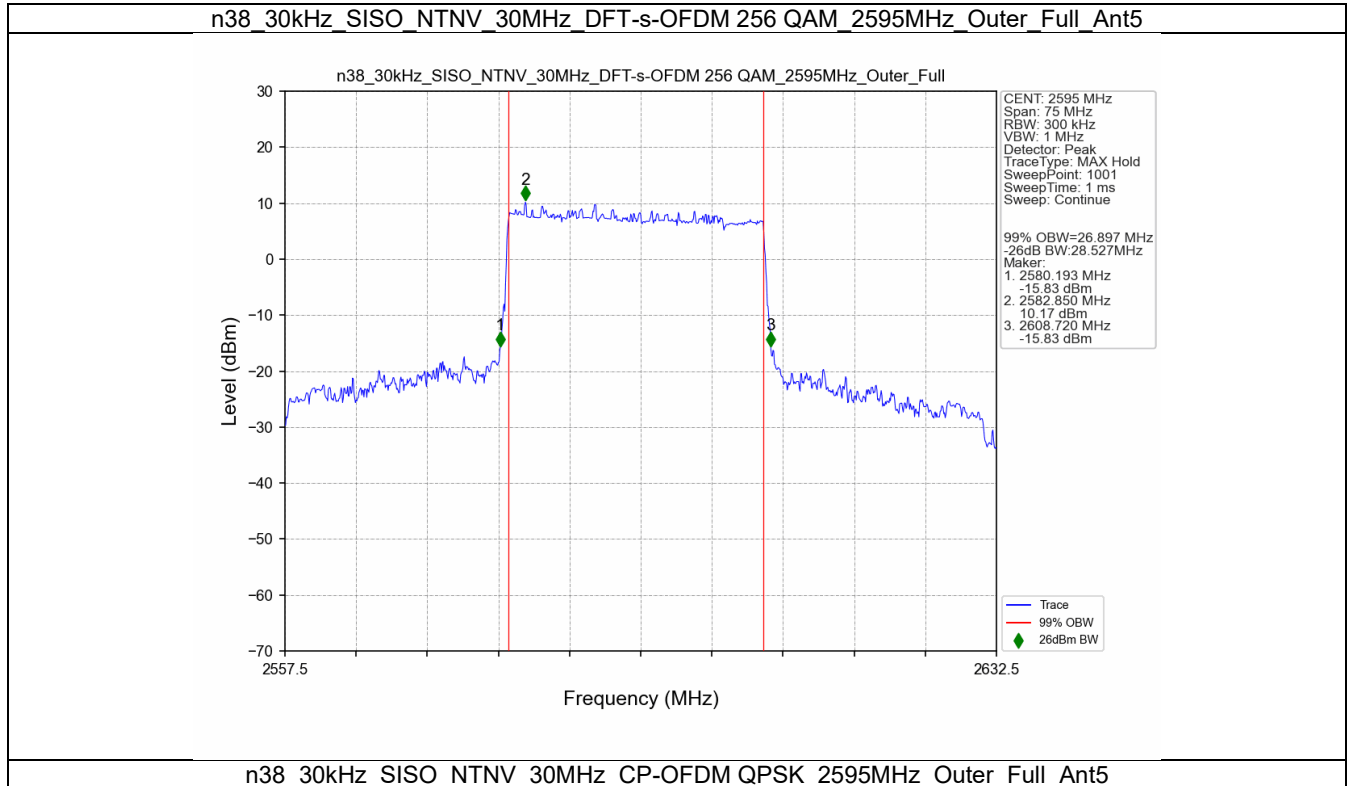


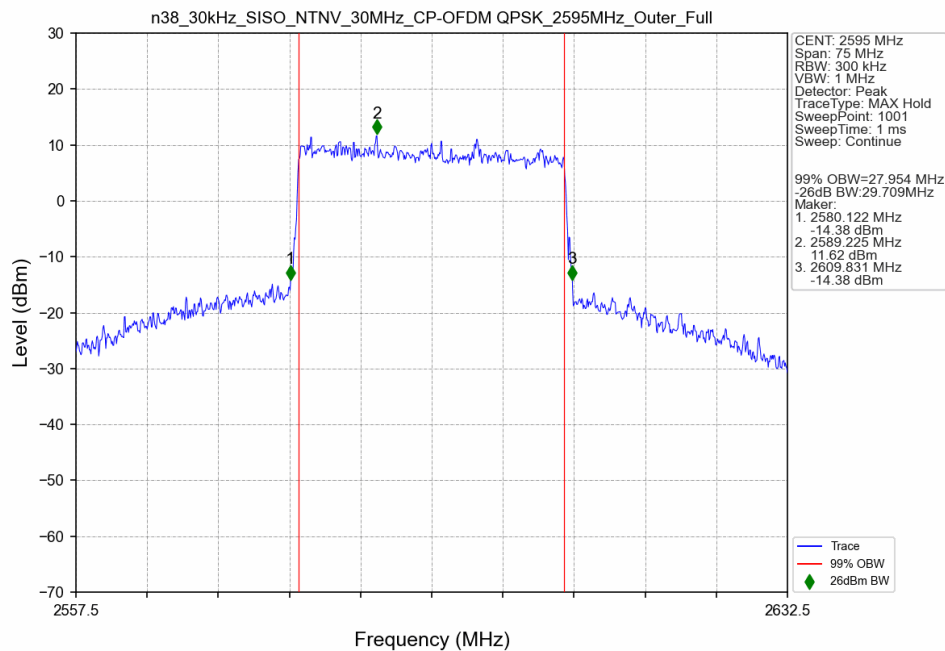
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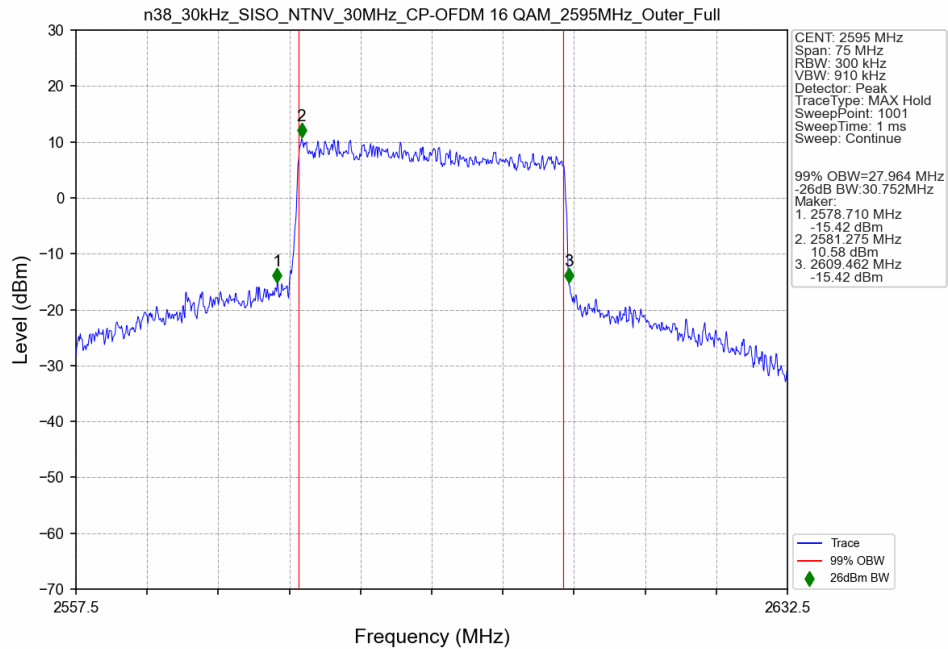
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant5



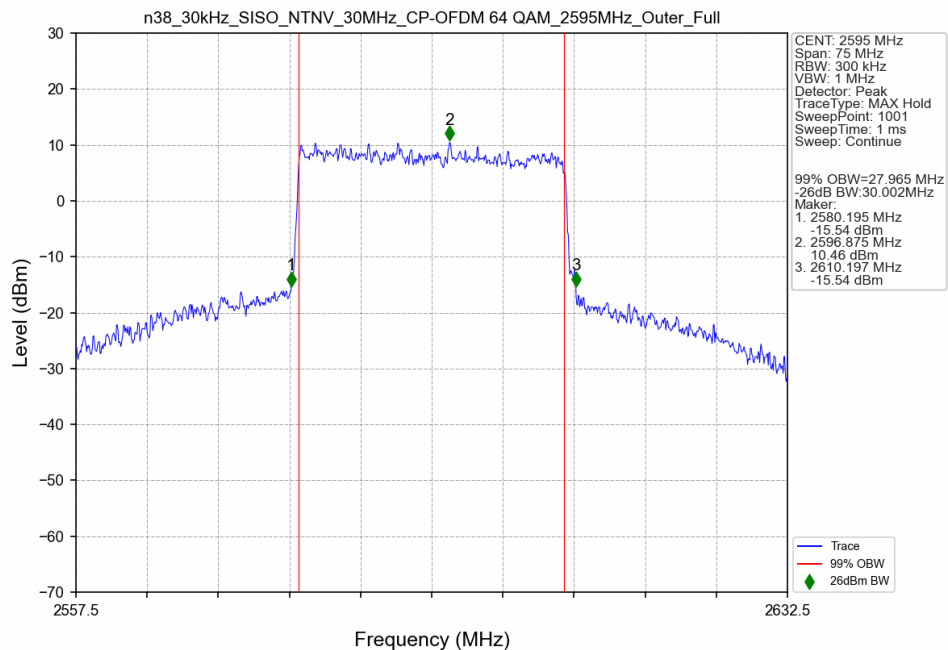




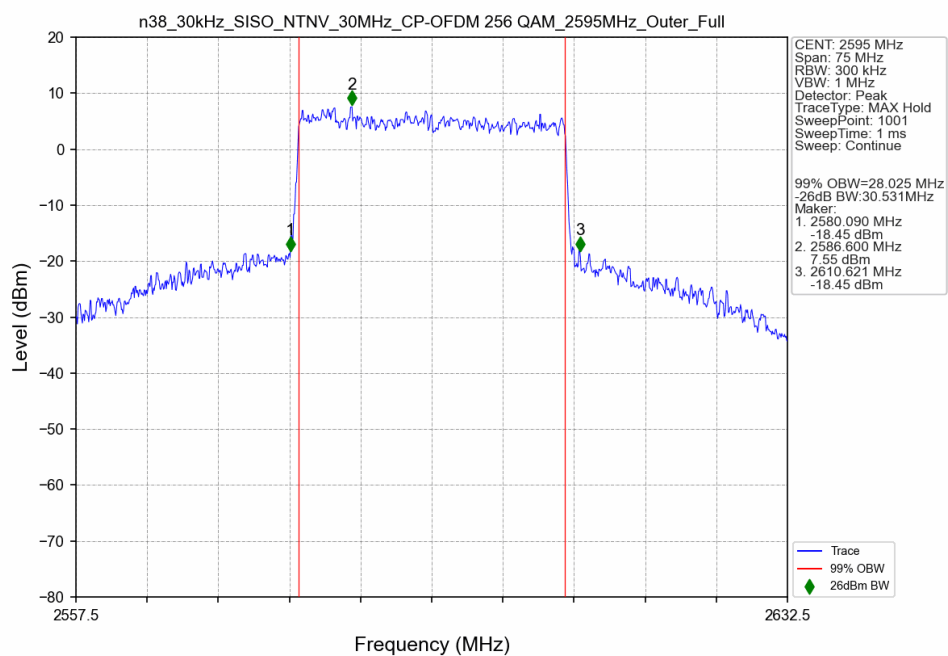
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant5



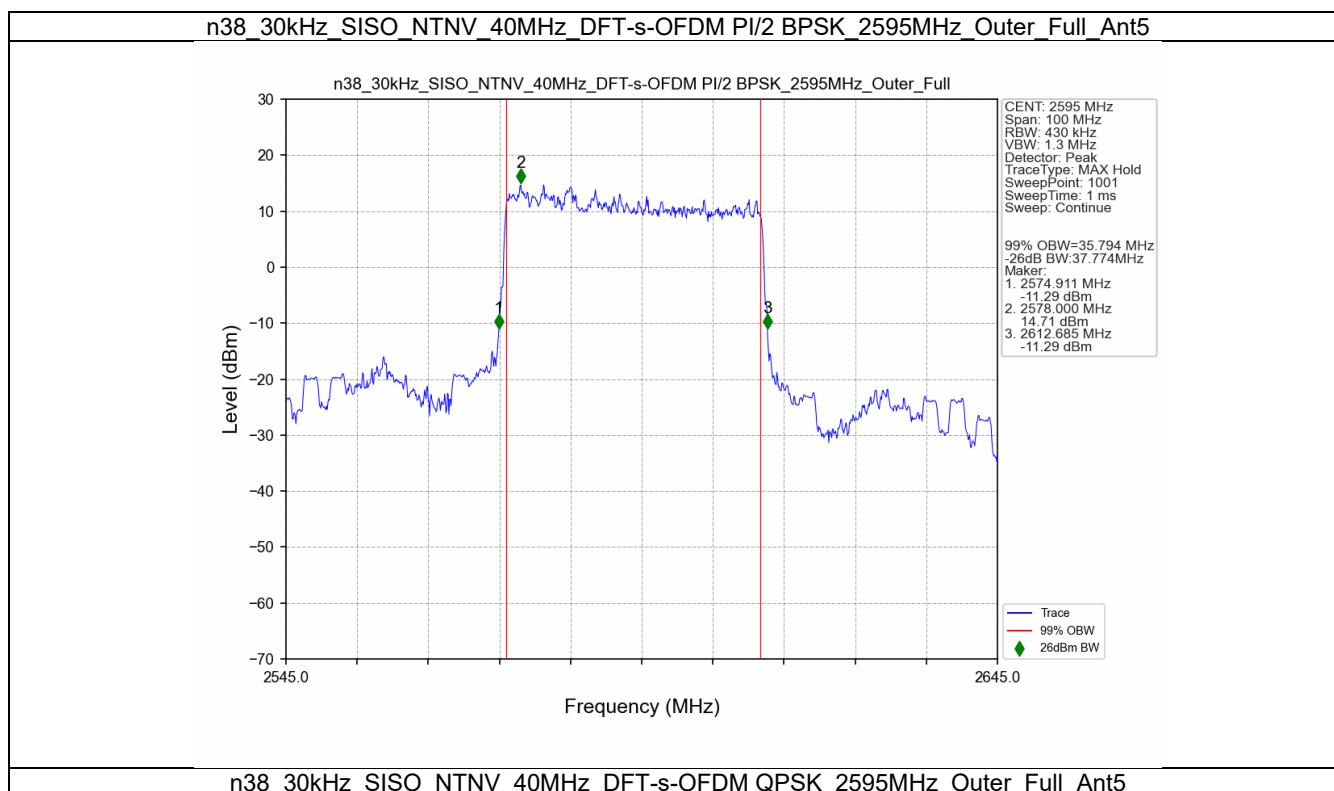
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant5

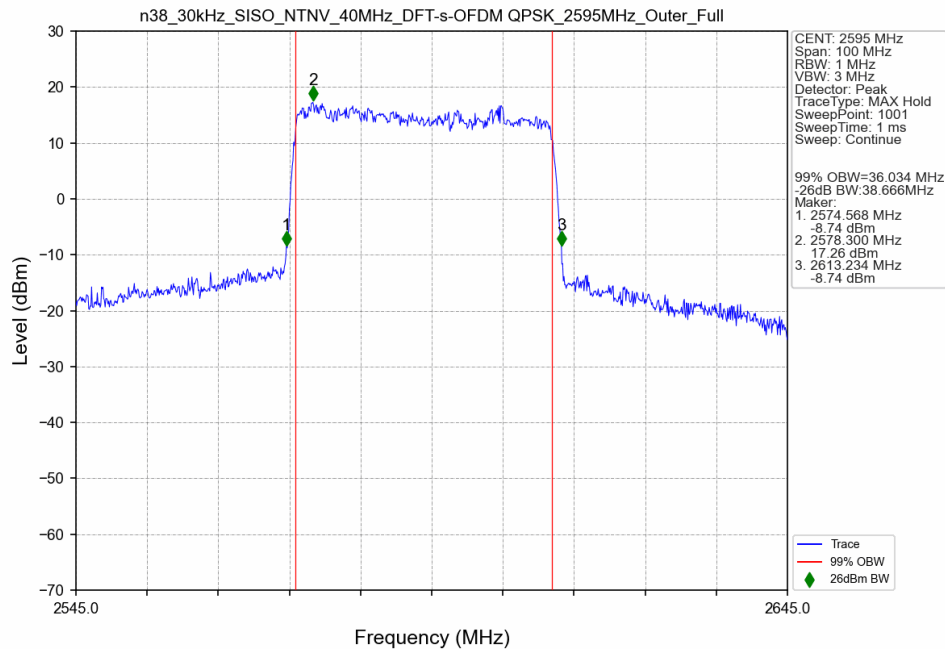


n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM 2595MHz_Outer_Full_Ant5

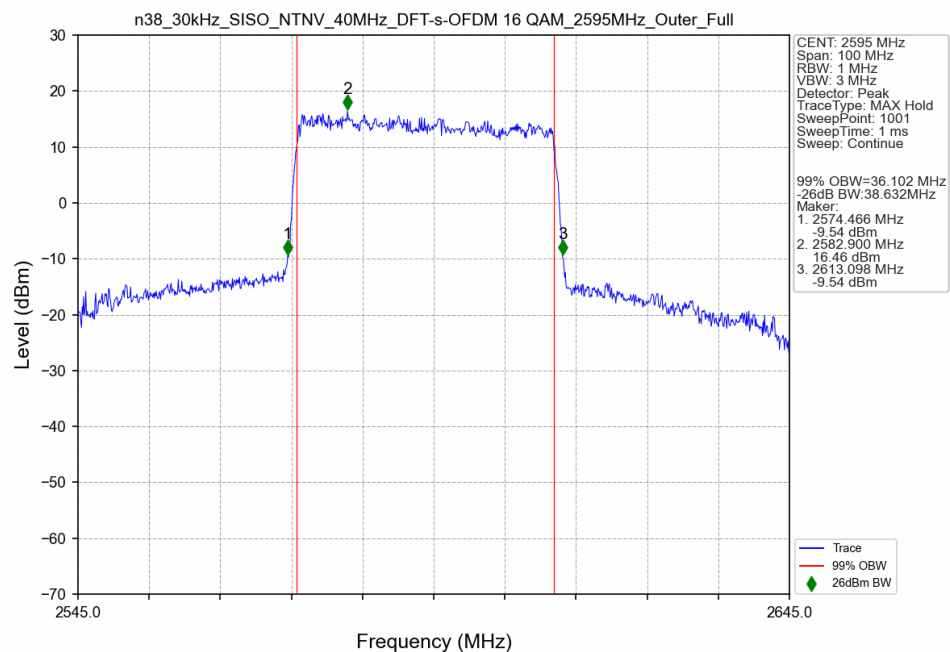


3.2.3 30_S_40M_NTNV

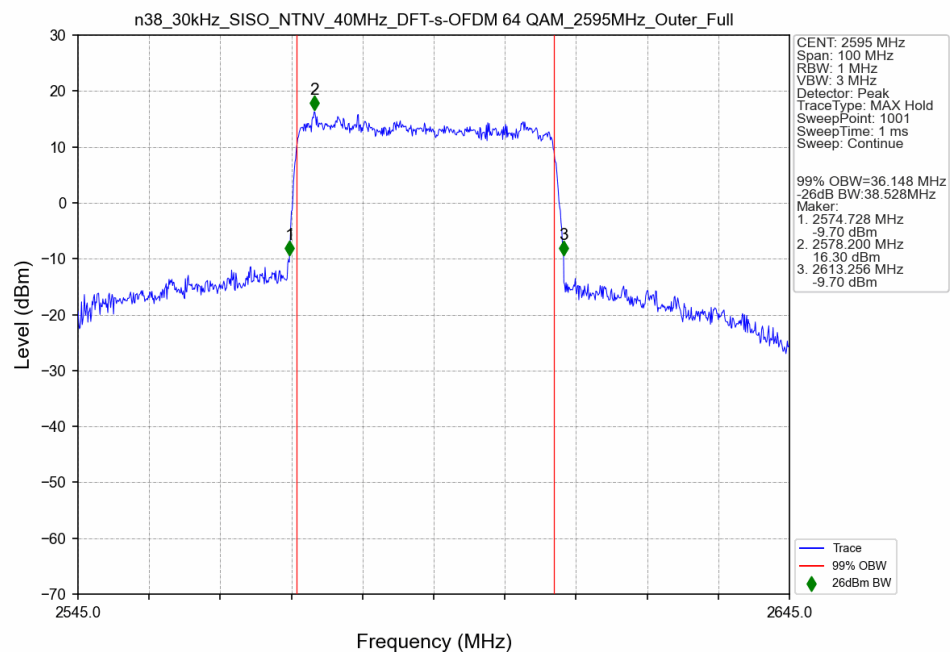




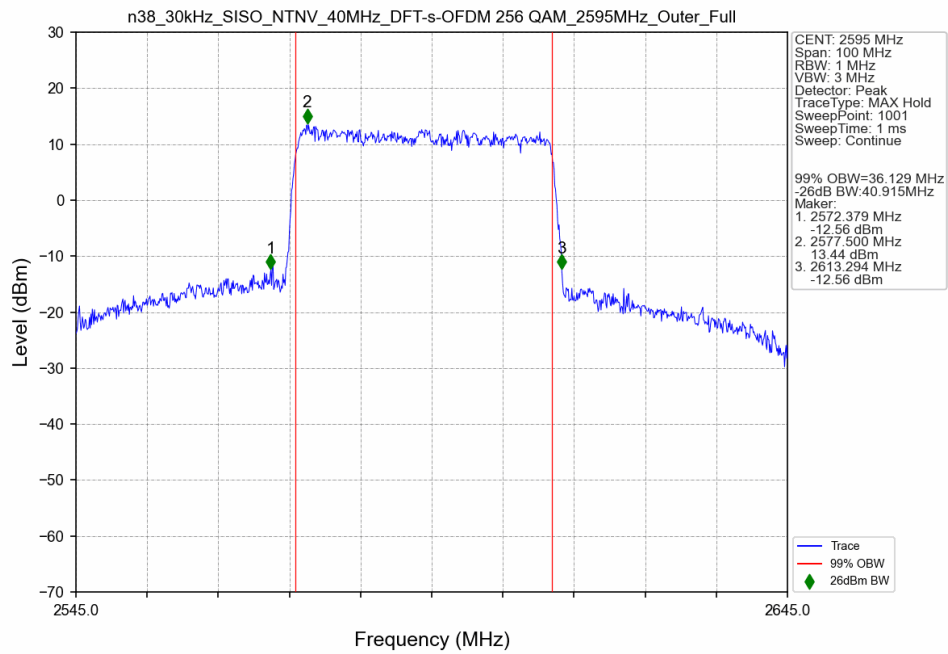
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant5



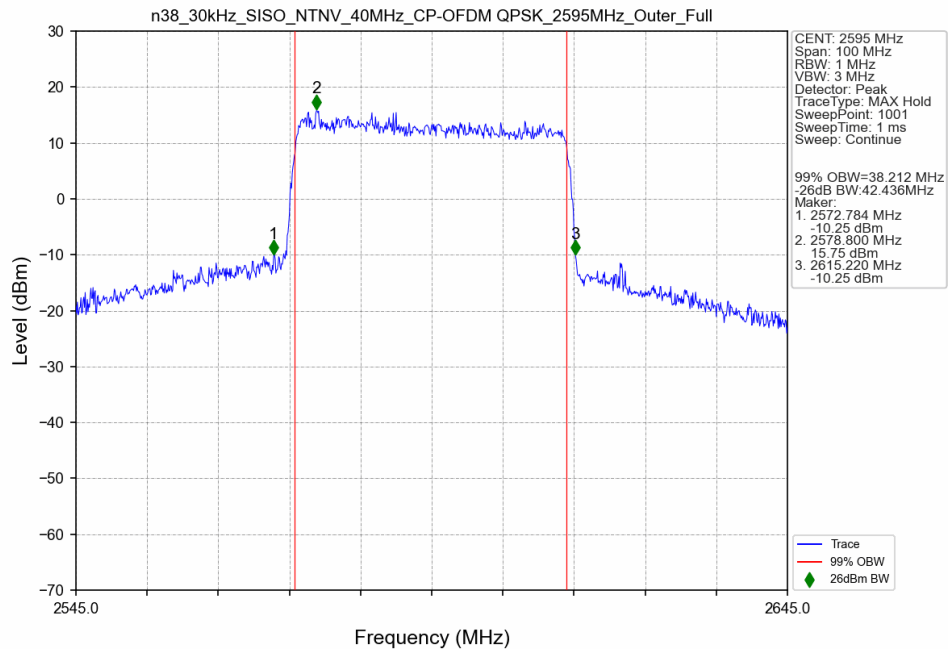
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant5



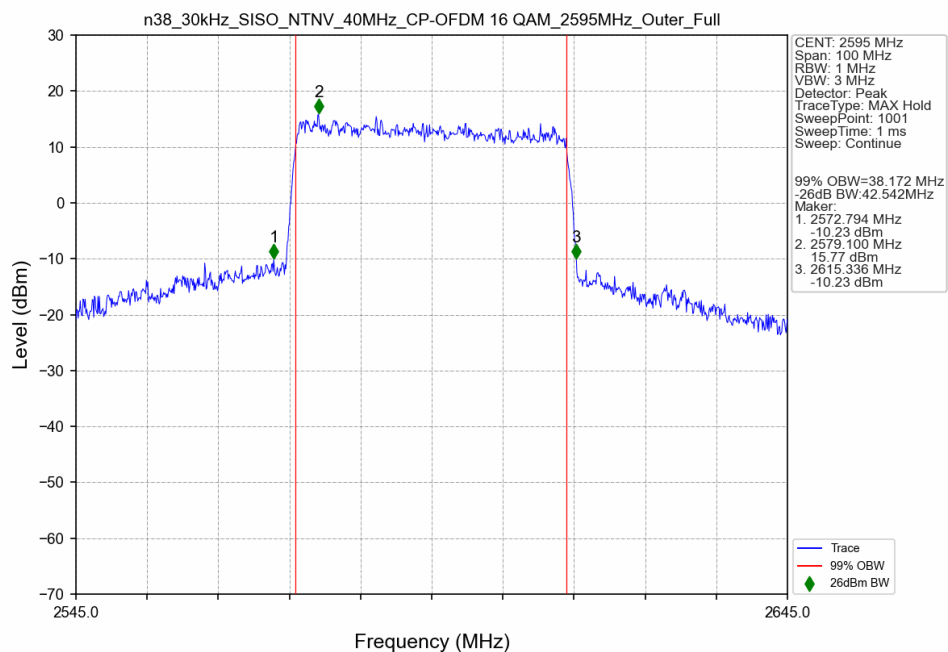
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM 2595MHz_Outer_Full_Ant5



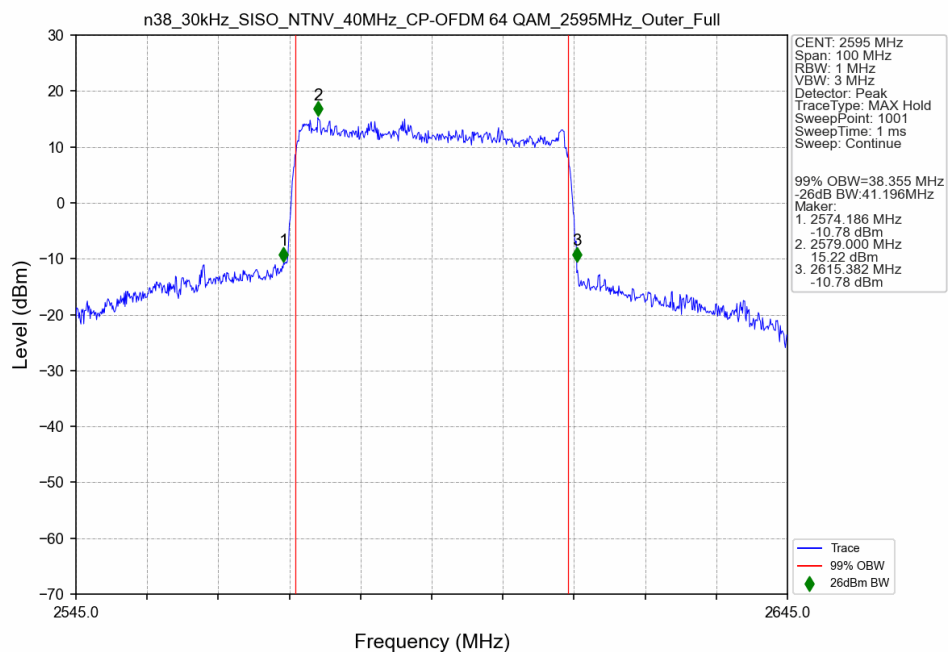
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK 2595MHz_Outer_Full_Ant5

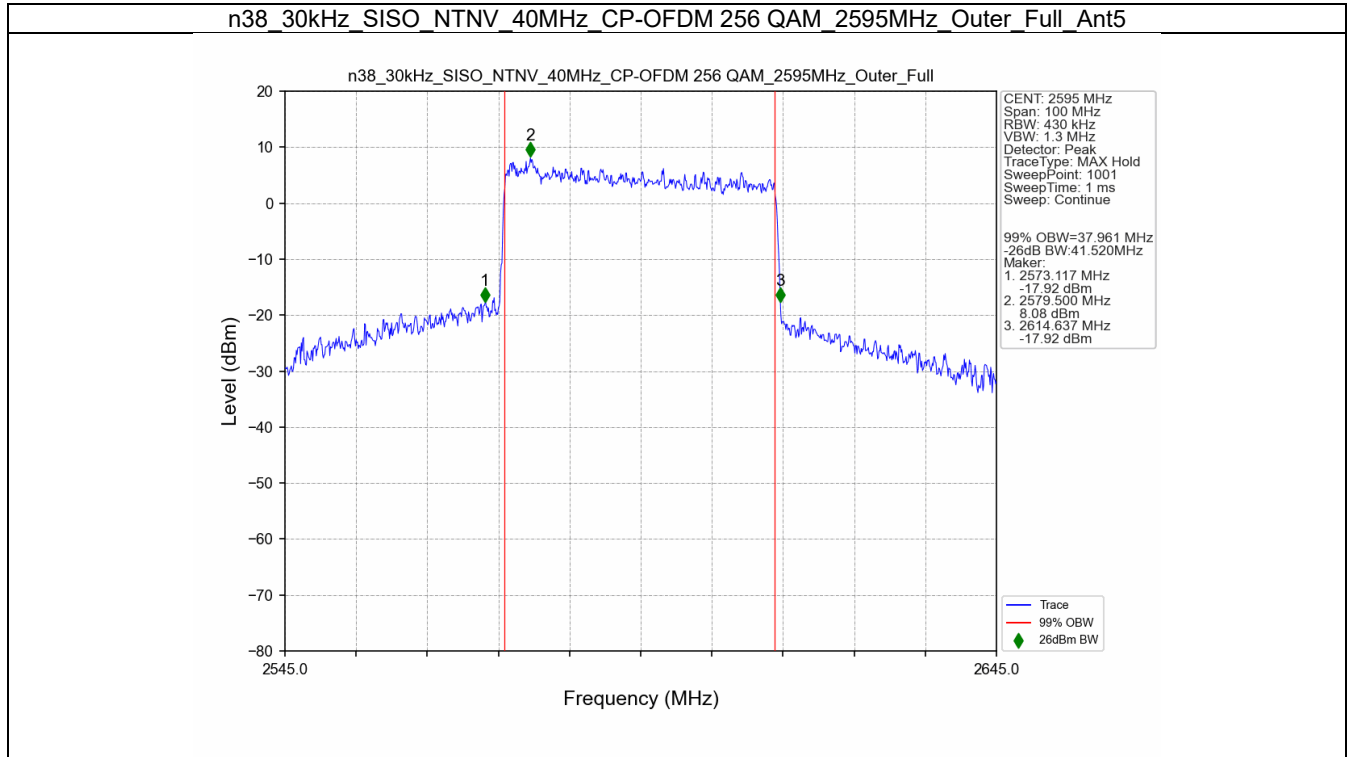


n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant5



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant5







4. Peak-Average Ratio

4.1 Test Result

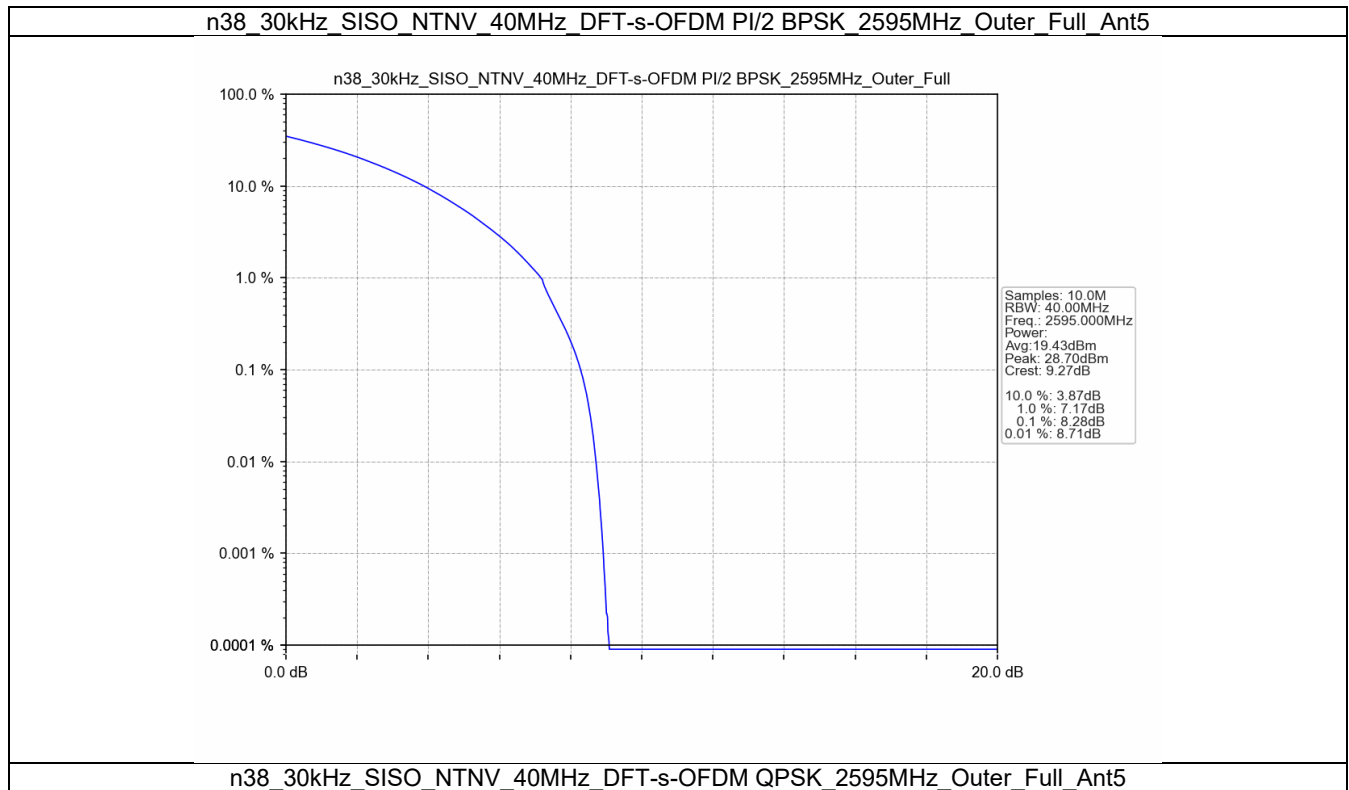
4.1.1 30_S_40M_NTNV

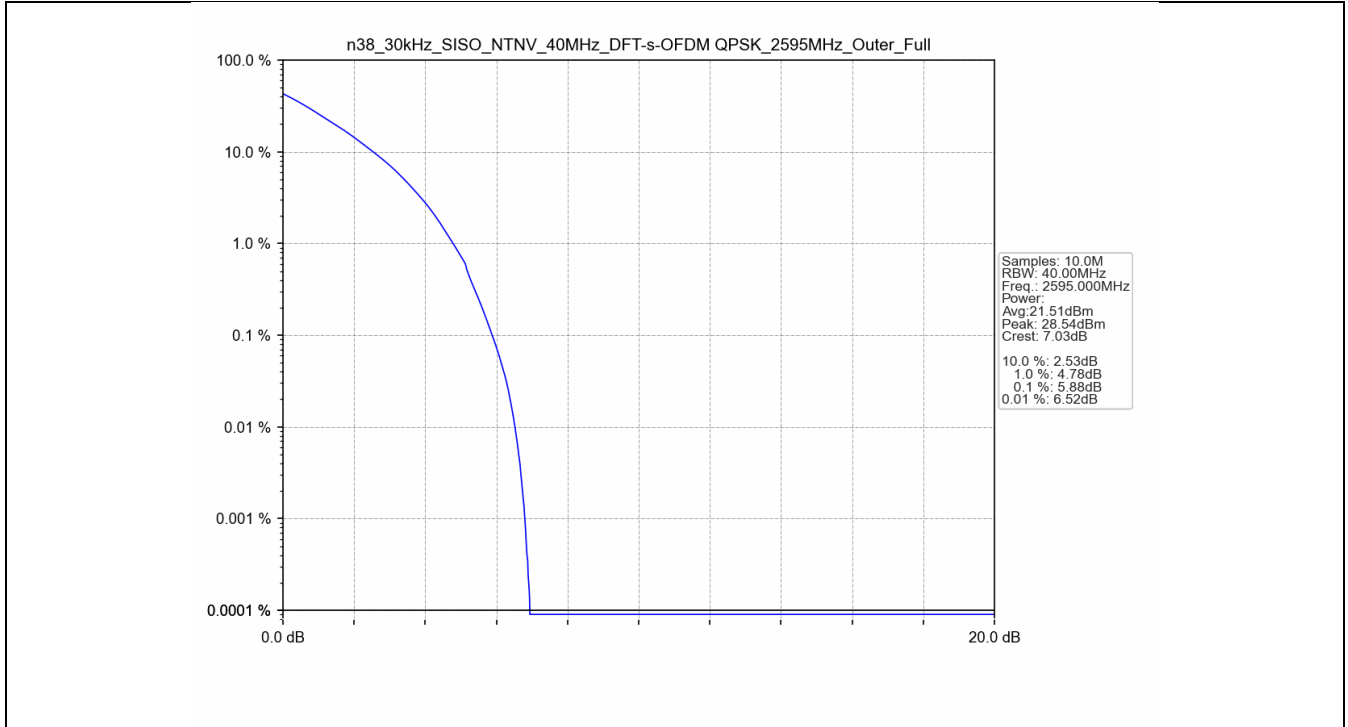
5G NR n38 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2595	Outer_Full	8.28	/	/	<=13	Pass
DFT-s-OFDM QPSK	2595	Outer_Full	5.88	/	/	<=13	Pass
CP-OFDM QPSK	2595	Outer_Full	8.31	/	/	<=13	Pass

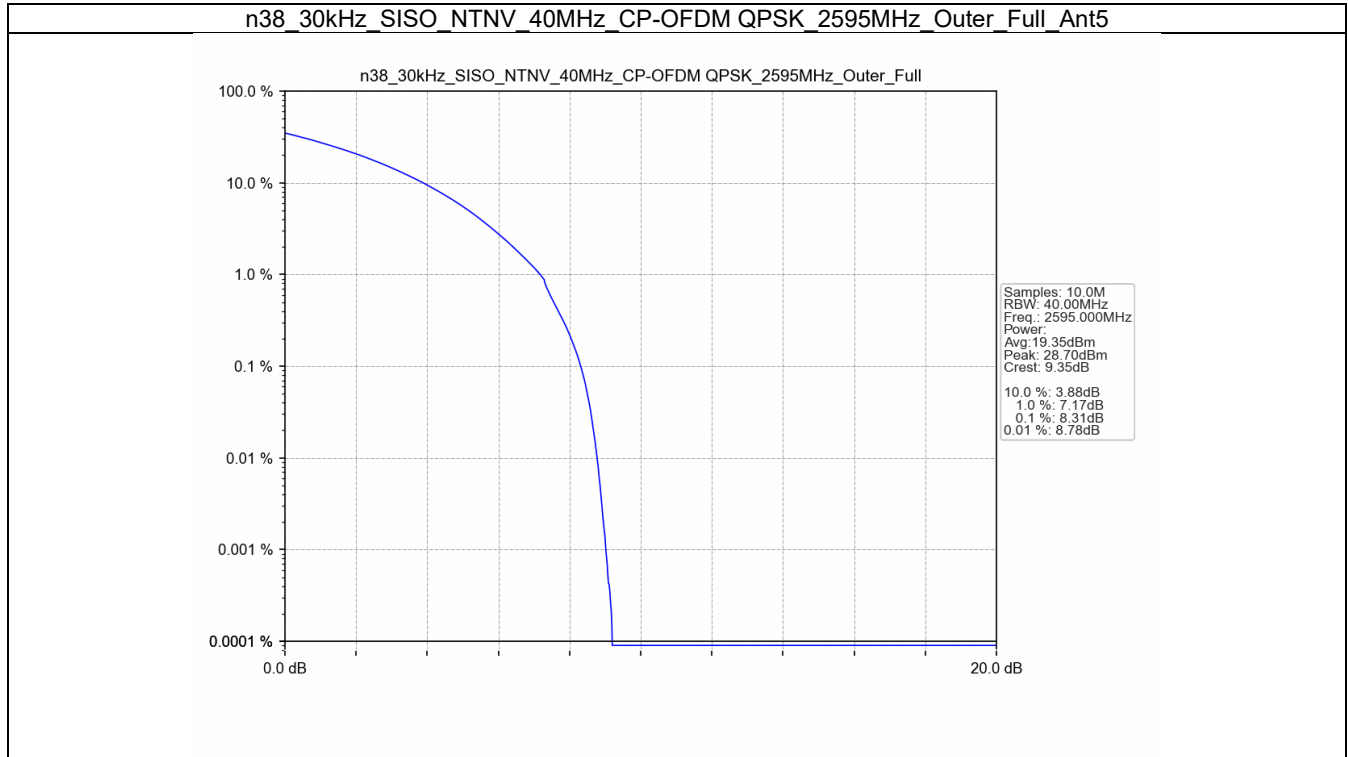


4.2 Test Graph

4.2.1 30_S_40M_NTNV









5. Spurious Emission

5.1 Test Result

5.1.1 30_S_20M_NTNV

5G NR n38 SCS=30kHz SISO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2580	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
		2610	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	2580	Edge_1RB_Left	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
2595		Edge_1RB_Left	Refer To Test Graph				Pass
		2610	Edge_1RB_Right	Refer To Test Graph			
Outer_Full			Refer To Test Graph				Pass
CP-OFDM QPSK		2580	Edge_1RB_Left	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
		2610	Edge_1RB_Right	Refer To Test Graph			
	Outer_Full		Refer To Test Graph				Pass

5.1.2 30_S_30M_NTNV

5G NR n38 SCS=30kHz SISO 30MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2585	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2605	Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2585	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2605	Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2585	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2595	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
	2605	Outer_Full	Refer To Test Graph				Pass

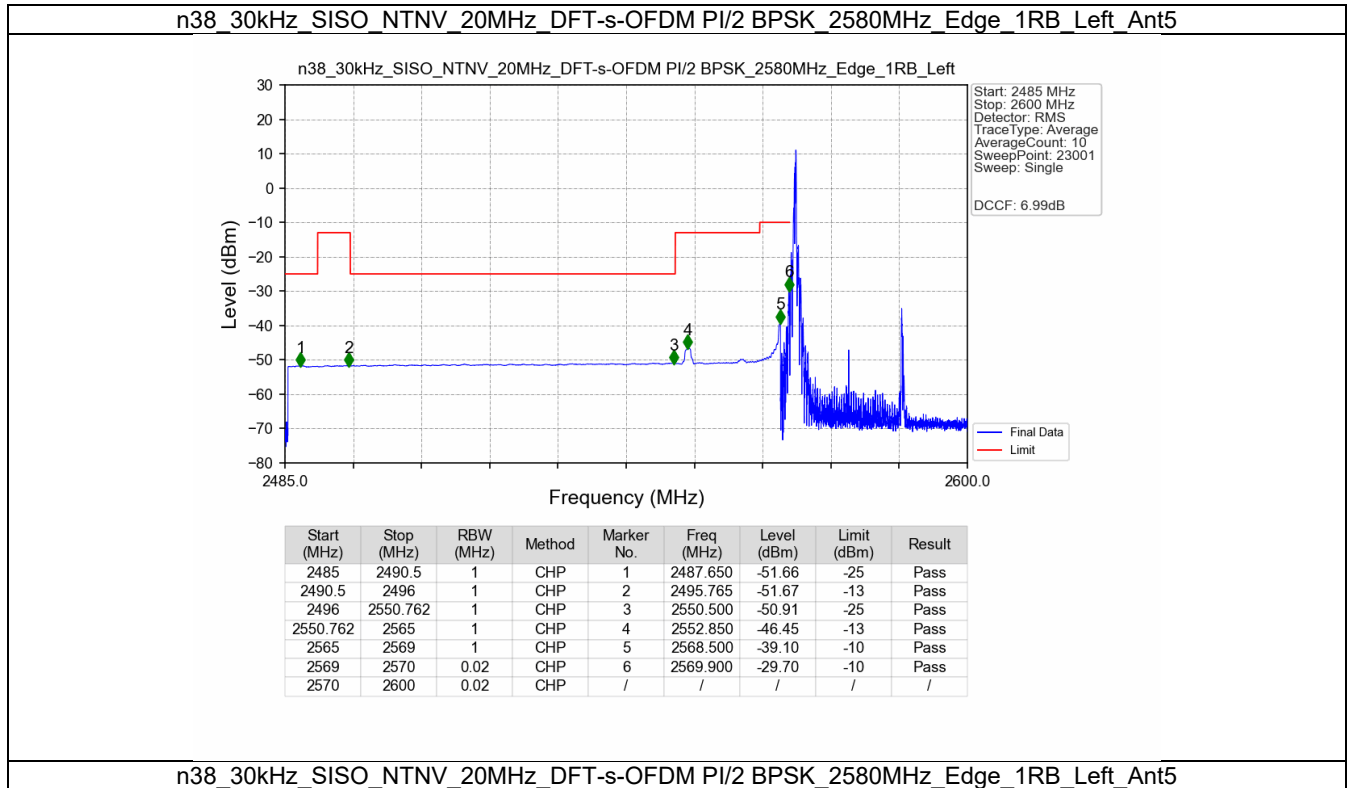


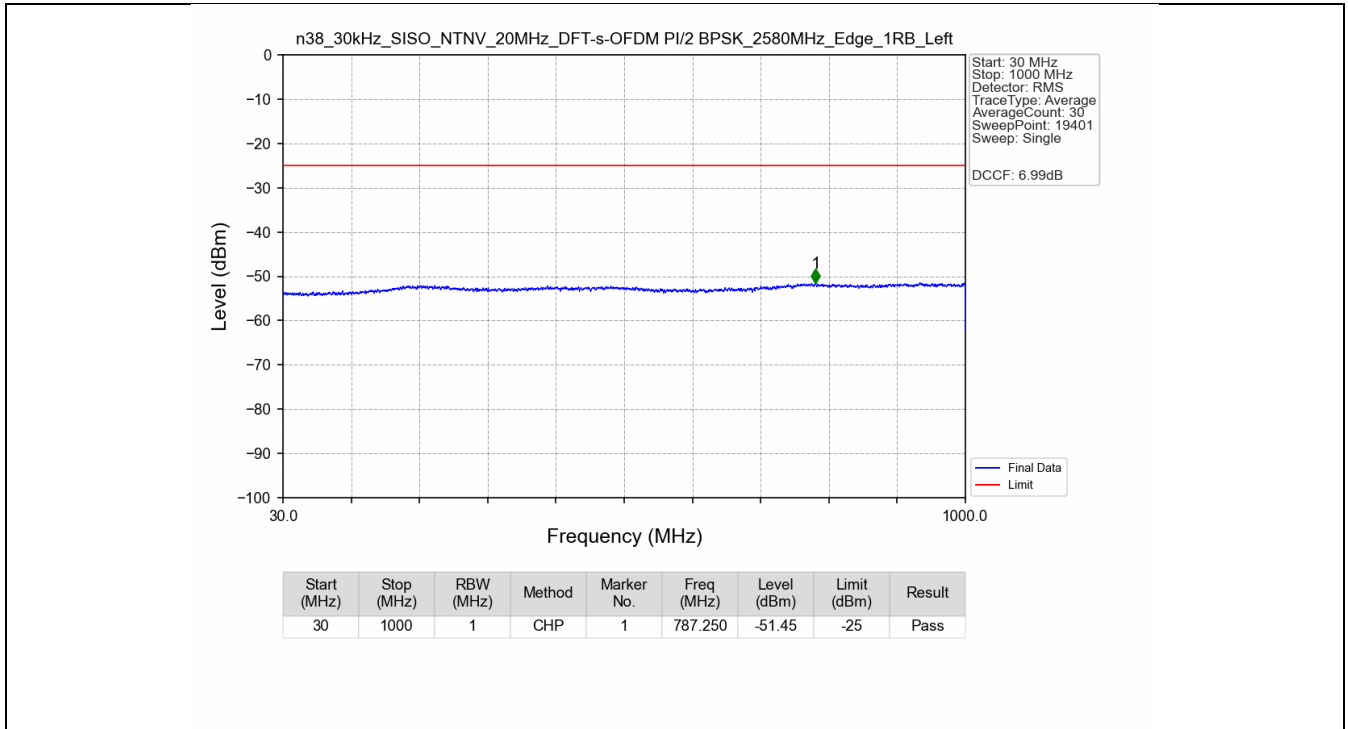
5.1.3 30_S_40M_NTNV

5G NR n38 SCS=30kHz SISO 40MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant5	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	2590	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2600	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
				DFT-s-OFDM QPSK	2590	Edge_1RB_Left	Refer To Test Graph	
Outer_Full	Refer To Test Graph					Pass		
2595	Edge_1RB_Left	Refer To Test Graph				Pass		
	2600	Edge_1RB_Right	Refer To Test Graph				Pass	
Outer_Full		Refer To Test Graph				Pass		
CP-OFDM QPSK	2590	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	2595	Edge_1RB_Left	Refer To Test Graph				Pass	
		2600	Edge_1RB_Right	Refer To Test Graph				Pass
	Outer_Full		Refer To Test Graph				Pass	

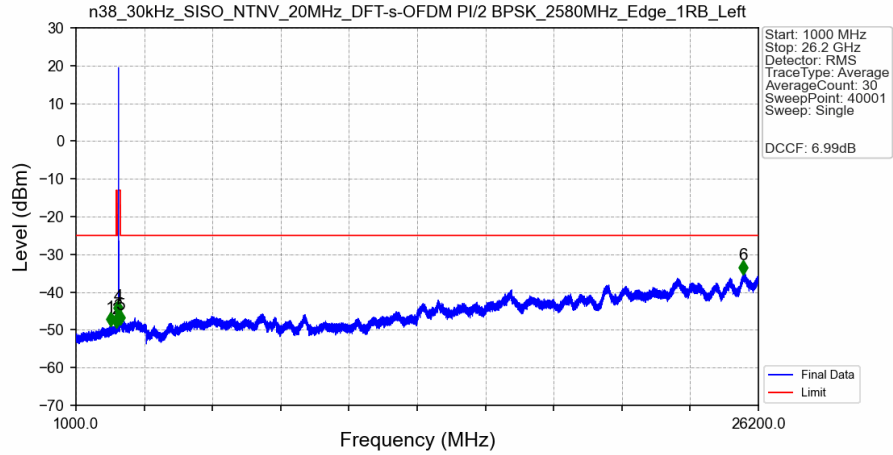
5.2 Test Graph

5.2.1 30_S_20M_NTNV



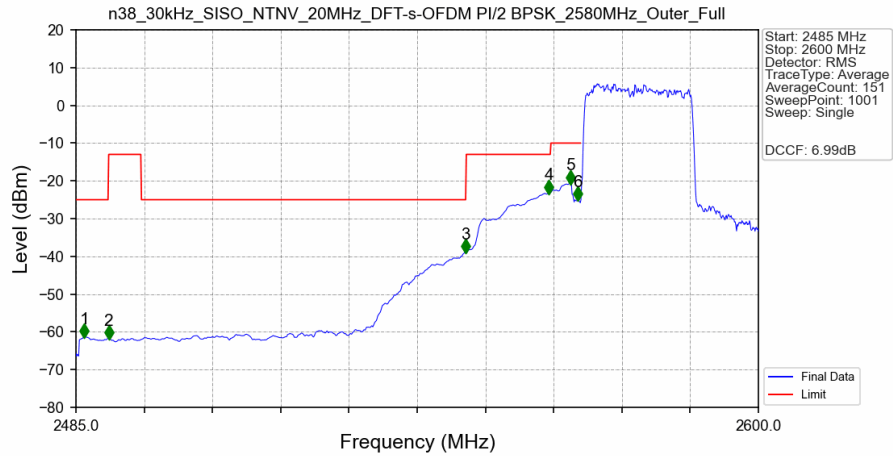


n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2580MHz_Edge_1RB_Left_Ant5

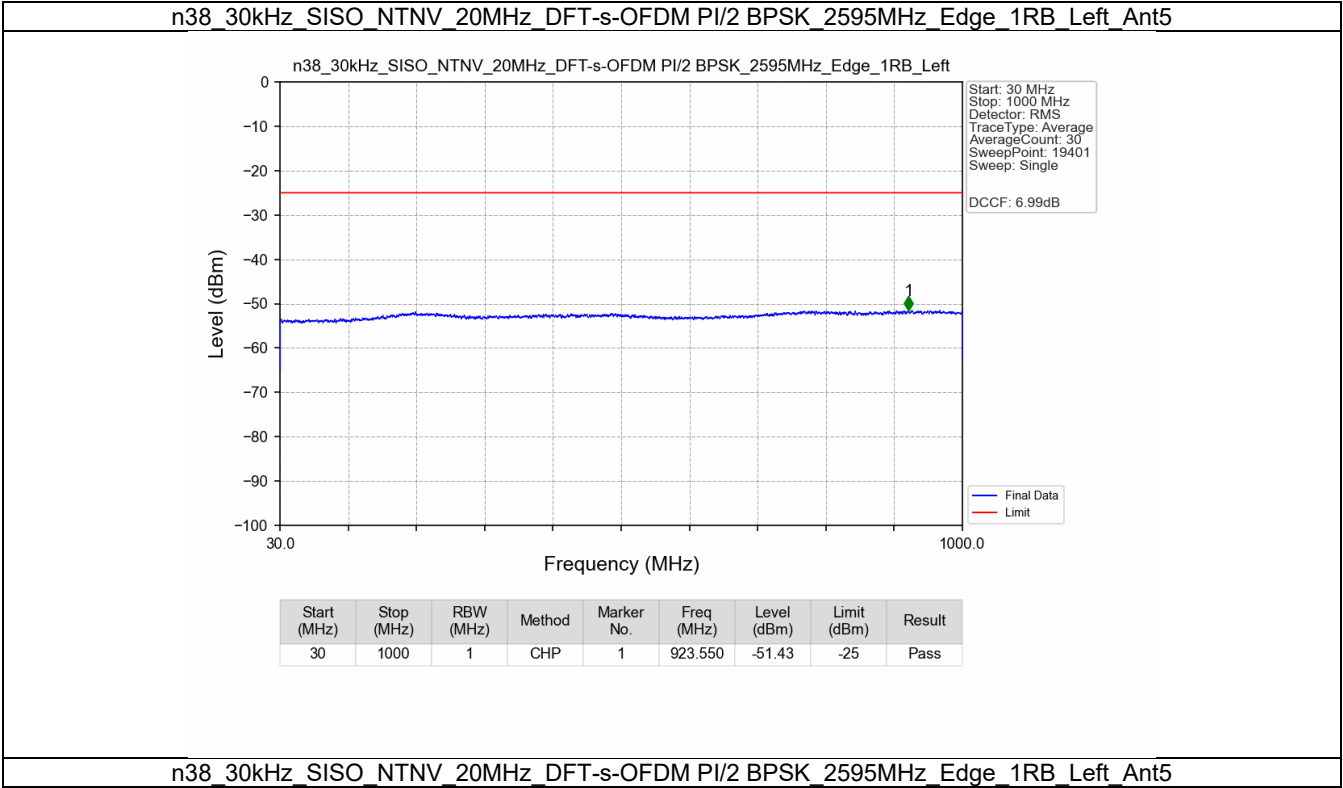


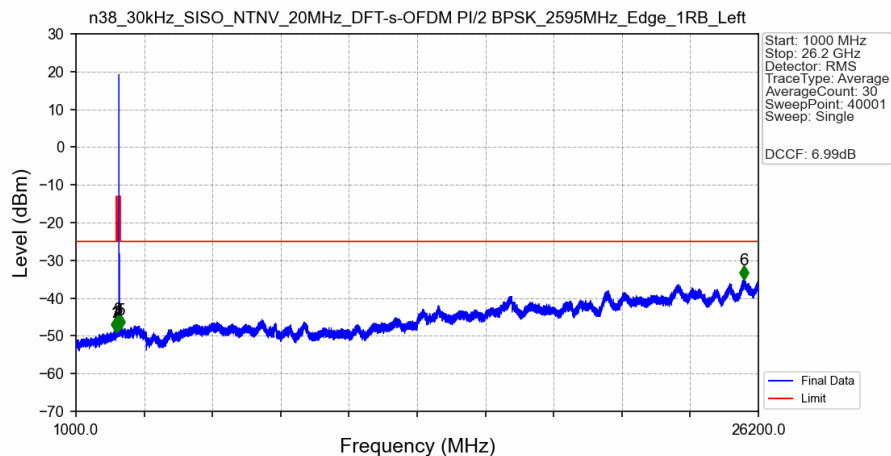
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2282.050	-48.72	-25	Pass
2490.5	2496	1	/	2	2494.360	-49.15	-13	Pass
2496	2550.762	1	/	3	2547.910	-48.31	-25	Pass
2550.762	2565	1	/	4	2552.320	-45.80	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2639.238	1	/	5	2632.330	-48.21	-13	Pass
2639.238	26200	1	/	6	25646.860	-34.98	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2580MHz_Outer_Full_Ant5



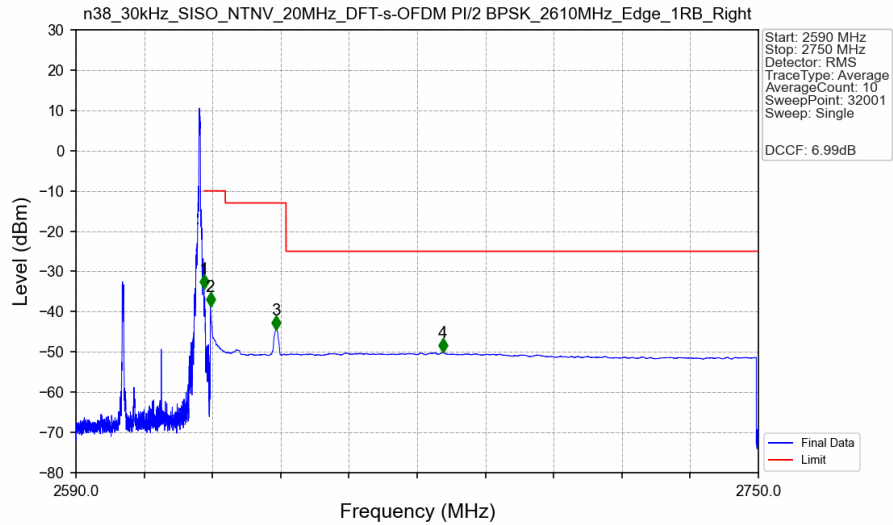
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.380	-61.27	-25	Pass
2490.5	2496	1	CHP	2	2490.520	-61.71	-13	Pass
2496	2550.762	1	CHP	3	2550.665	-38.86	-25	Pass
2550.762	2565	1	CHP	4	2564.695	-23.17	-13	Pass
2565	2569	1	CHP	5	2568.260	-20.62	-10	Pass
2569	2570	0.39	/	6	2569.525	-24.98	-10	Pass
2570	2600	0.39	/	/	/	/	/	/





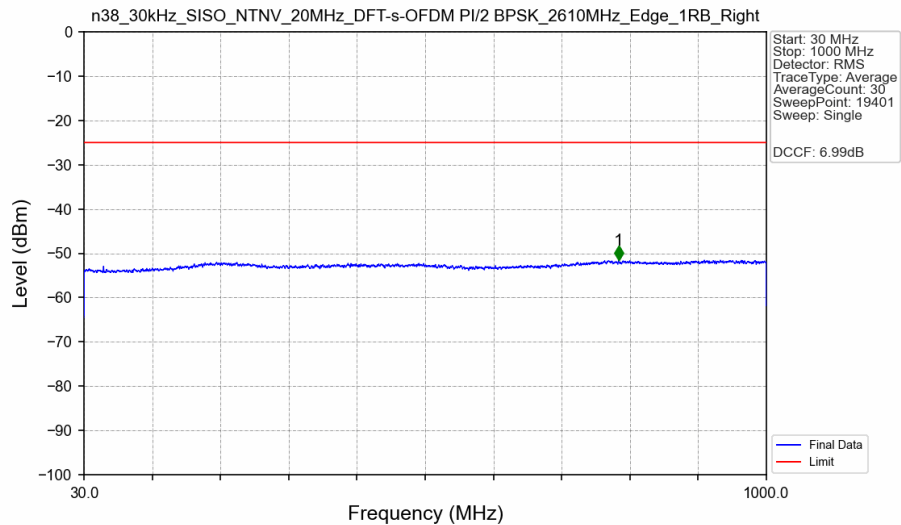
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2452.780	-48.49	-25	Pass
2490.5	2496	1	/	2	2493.100	-48.67	-13	Pass
2496	2550.64	1	/	3	2546.020	-47.77	-25	Pass
2550.64	2565	1	/	4	2559.250	-48.47	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2639.36	1	/	5	2630.440	-47.85	-13	Pass
2639.36	26200	1	/	6	25661.350	-34.76	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Edge_1RB_Right_Ant5



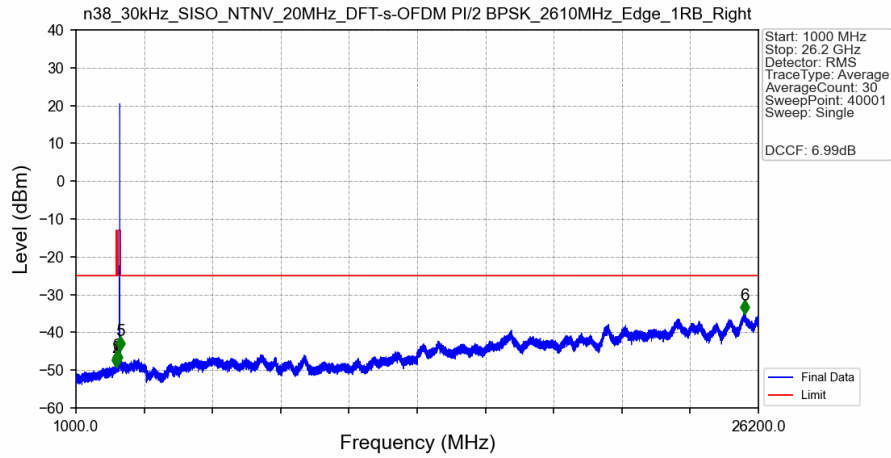
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.015	-34.23	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.64	-10	Pass
2625	2639.238	1	CHP	3	2636.870	-44.47	-13	Pass
2639.238	2750	1	CHP	4	2676.025	-50.17	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Edge_1RB_Right_Ant5



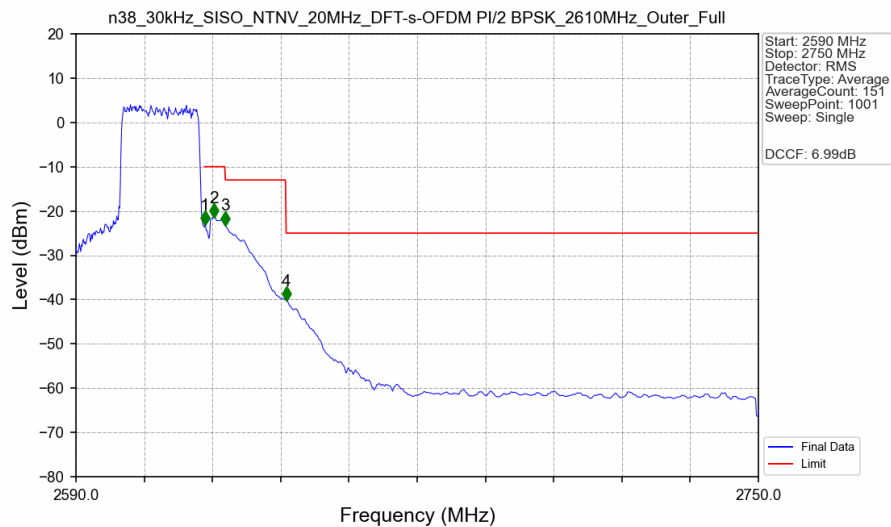
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	789.900	-51.53	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Edge_1RB_Right_Ant5



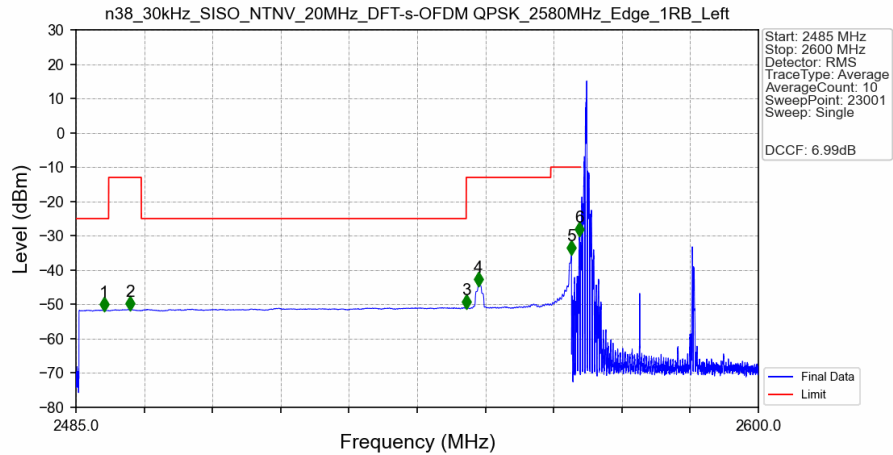
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2479.240	-48.95	-25	Pass
2490.5	2496	1	/	2	2494.990	-48.84	-13	Pass
2496	2550.762	1	/	3	2524.600	-48.21	-25	Pass
2550.762	2565	1	/	4	2558.620	-48.21	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2639.238	1	/	5	2636.740	-44.41	-13	Pass
2639.238	26200	1	/	6	25687.810	-34.87	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_2610MHz_Outer_Full_Ant5



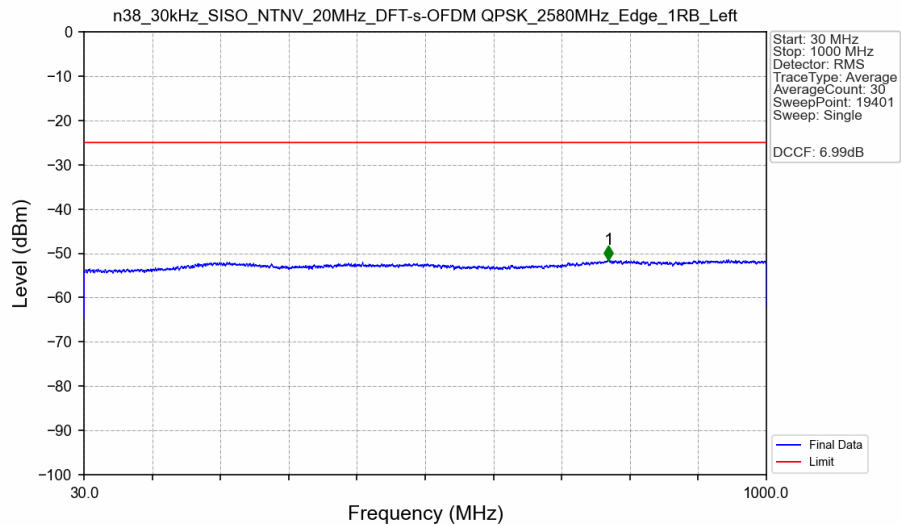
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.39	/	/	/	/	/	/
2620	2621	0.39	/	1	2620.240	-23.07	-10	Pass
2621	2625	1	CHP	2	2622.320	-21.39	-10	Pass
2625	2639.238	1	CHP	3	2625.040	-23.21	-13	Pass
2639.238	2750	1	CHP	4	2639.280	-40.21	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2580MHz_Edge_1RB_Left_Ant5

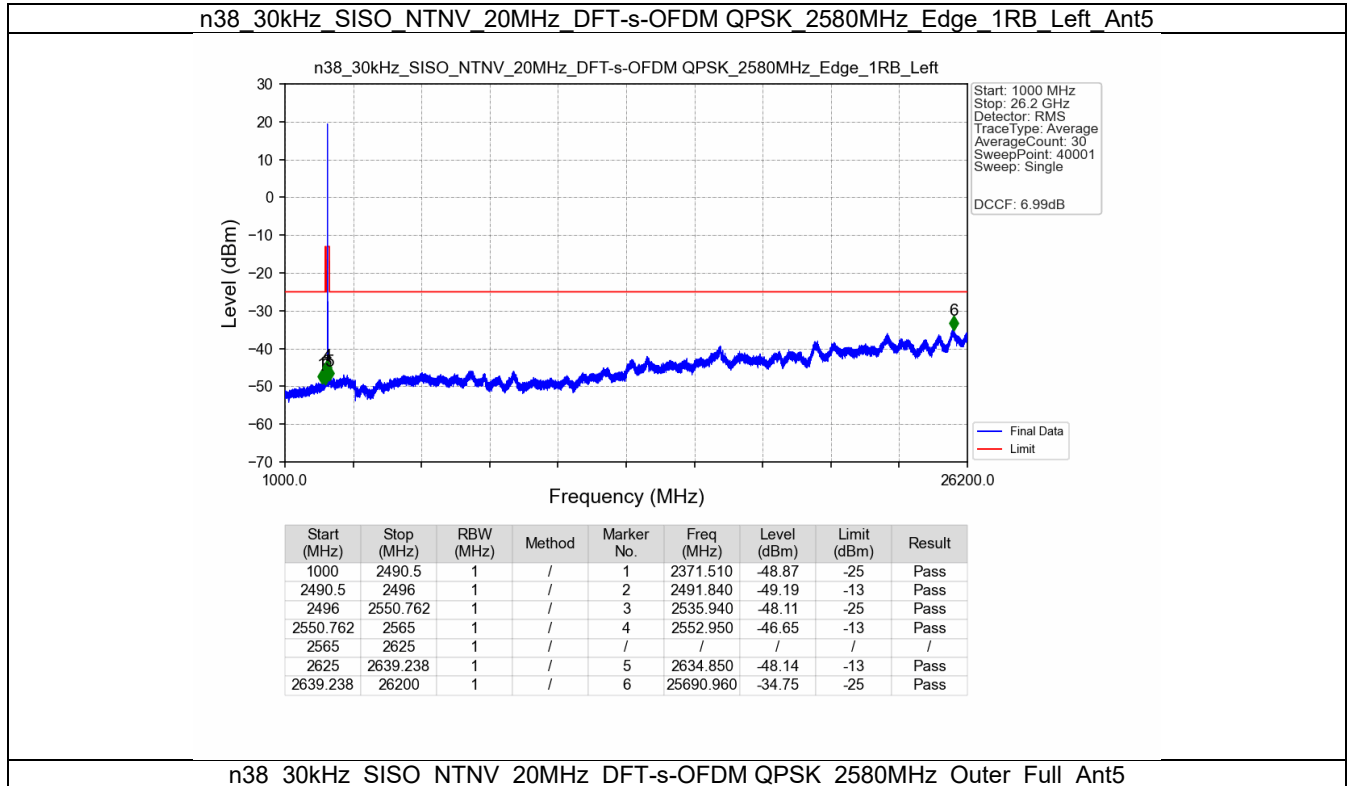


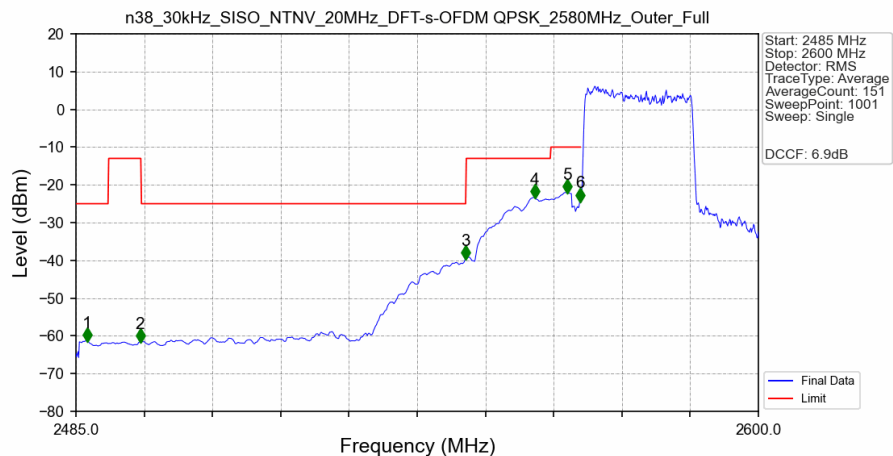
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.720	-51.61	-25	Pass
2490.5	2496	1	CHP	2	2494.110	-51.47	-13	Pass
2496	2550.762	1	CHP	3	2550.760	-50.93	-25	Pass
2550.762	2565	1	CHP	4	2552.795	-44.41	-13	Pass
2565	2569	1	CHP	5	2568.500	-35.28	-10	Pass
2569	2570	0.02	CHP	6	2569.860	-29.86	-10	Pass
2570	2600	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2580MHz_Edge_1RB_Left_Ant5



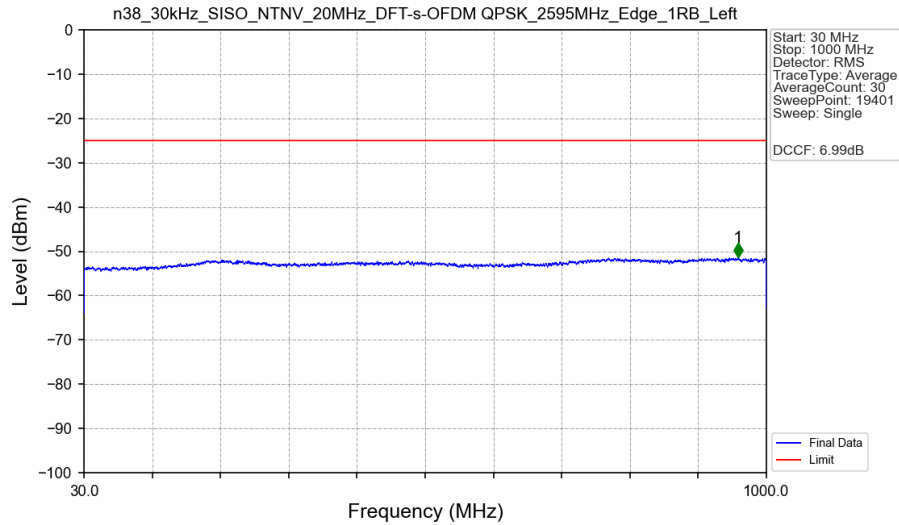
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	775.650	-51.40	-25	Pass





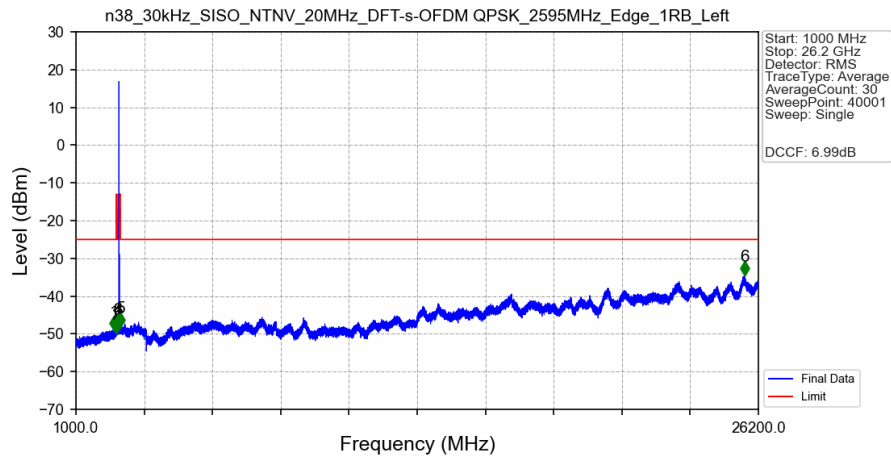
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.840	-61.27	-25	Pass
2490.5	2496	1	CHP	2	2495.810	-61.57	-13	Pass
2496	2550.762	1	CHP	3	2550.665	-39.46	-25	Pass
2550.762	2565	1	CHP	4	2562.280	-23.33	-13	Pass
2565	2569	1	CHP	5	2567.800	-22.00	-10	Pass
2569	2570	0.39	/	6	2569.985	-24.23	-10	Pass
2570	2600	0.39	/	/	/	/	/	/

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant5



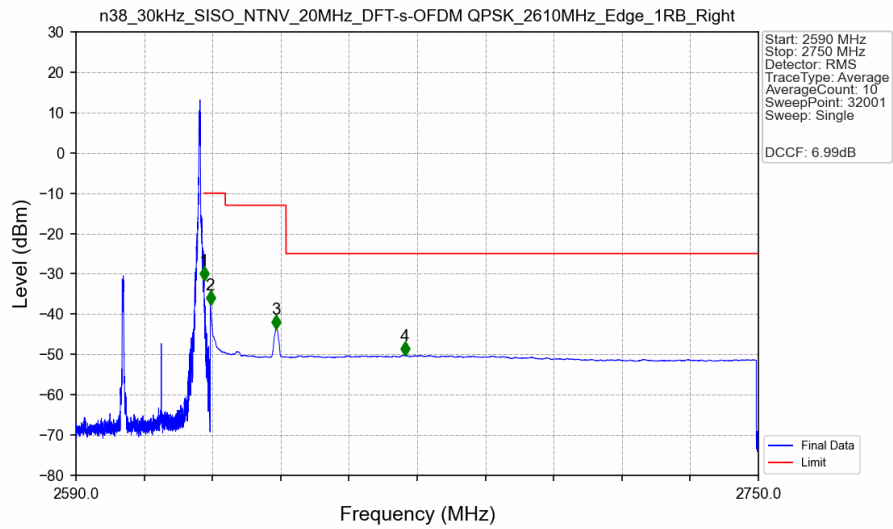
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	959.900	-51.26	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant5



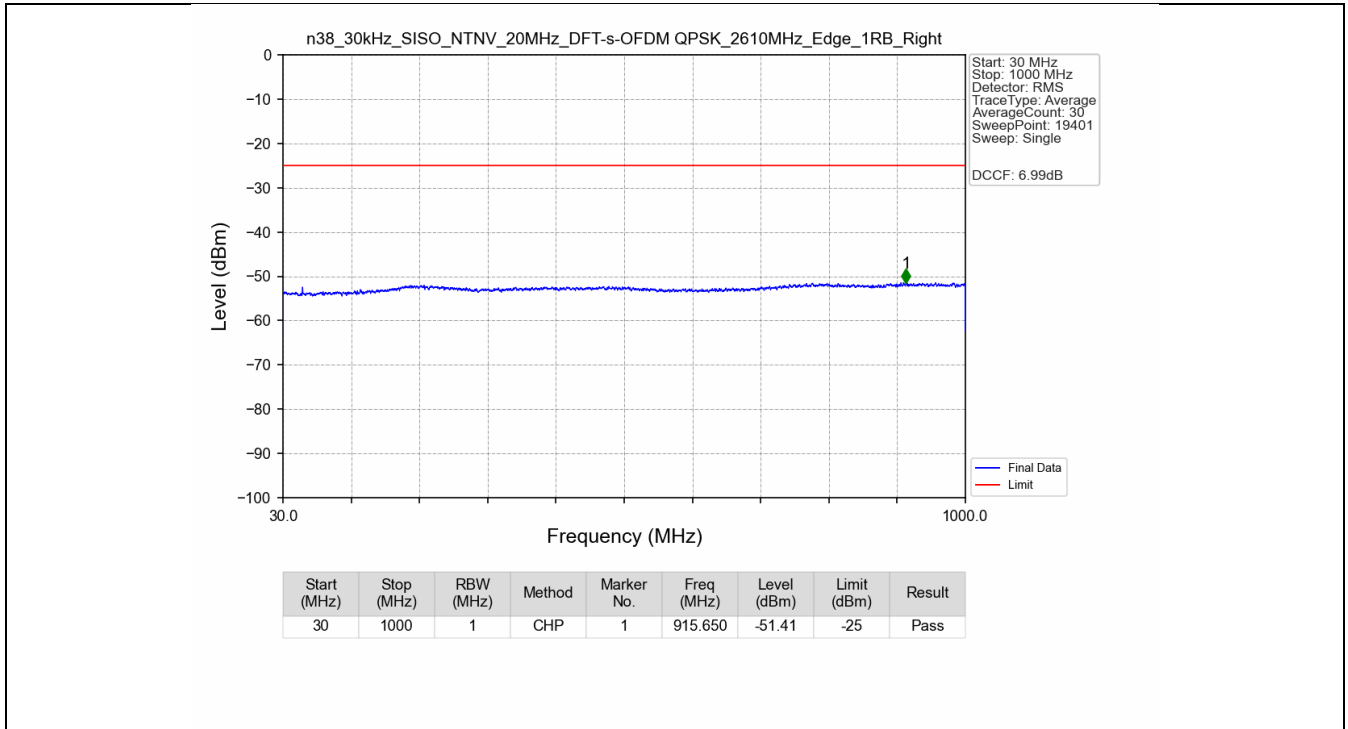
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2411.830	-48.73	-25	Pass
2490.5	2496	1	/	2	2494.990	-49.59	-13	Pass
2496	2550.762	1	/	3	2538.460	-48.33	-25	Pass
2550.762	2565	1	/	4	2564.290	-48.35	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2639.238	1	/	5	2629.810	-47.91	-13	Pass
2639.238	26200	1	/	6	25685.290	-34.15	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Edge_1RB_Right_Ant5

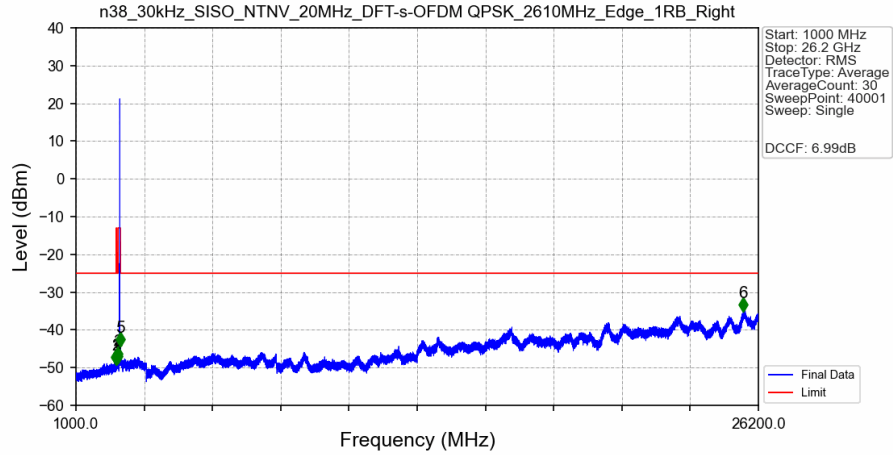


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.025	-31.62	-10	Pass
2621	2625	1	CHP	2	2621.500	-37.64	-10	Pass
2625	2639.238	1	CHP	3	2636.935	-43.73	-13	Pass
2639.238	2750	1	CHP	4	2667.085	-50.21	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Edge_1RB_Right_Ant5

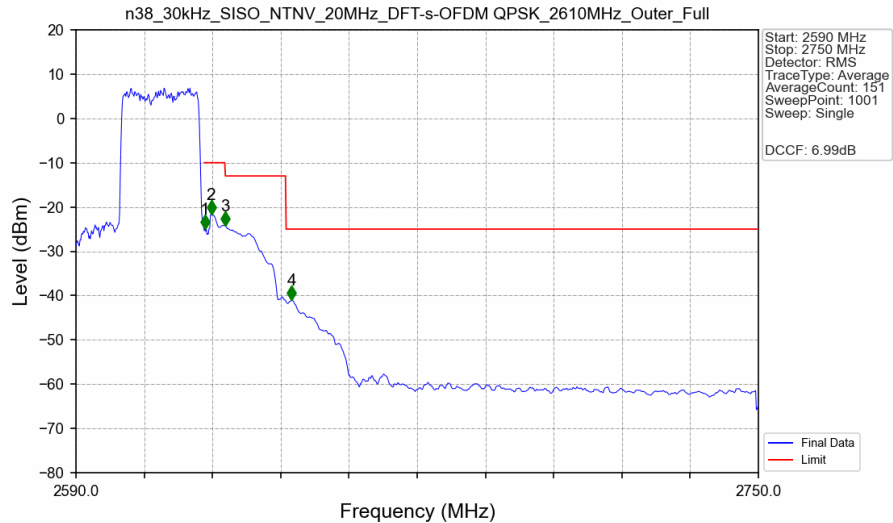


n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Edge_1RB_Right_Ant5



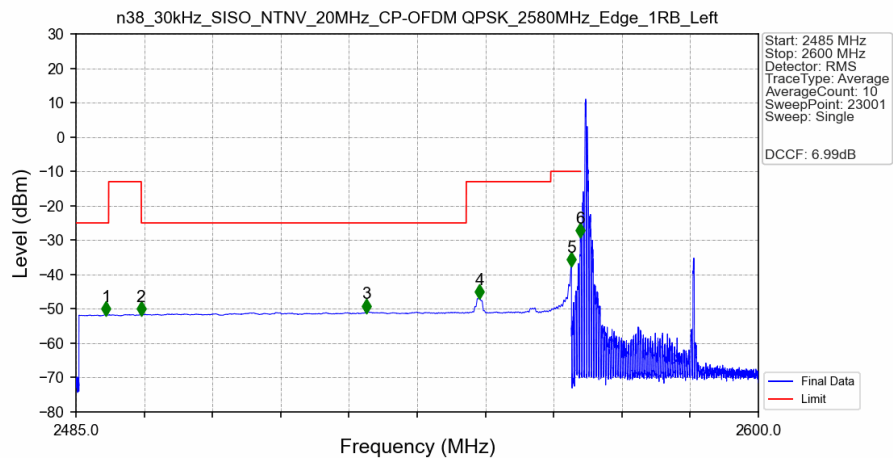
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2467.900	-48.75	-25	Pass
2490.5	2496	1	/	2	2494.360	-48.87	-13	Pass
2496	2550.762	1	/	3	2547.280	-47.85	-25	Pass
2550.762	2565	1	/	4	2558.620	-48.48	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2639.238	1	/	5	2636.740	-44.04	-13	Pass
2639.238	26200	1	/	6	25641.820	-34.85	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2610MHz_Outer_Full_Ant5



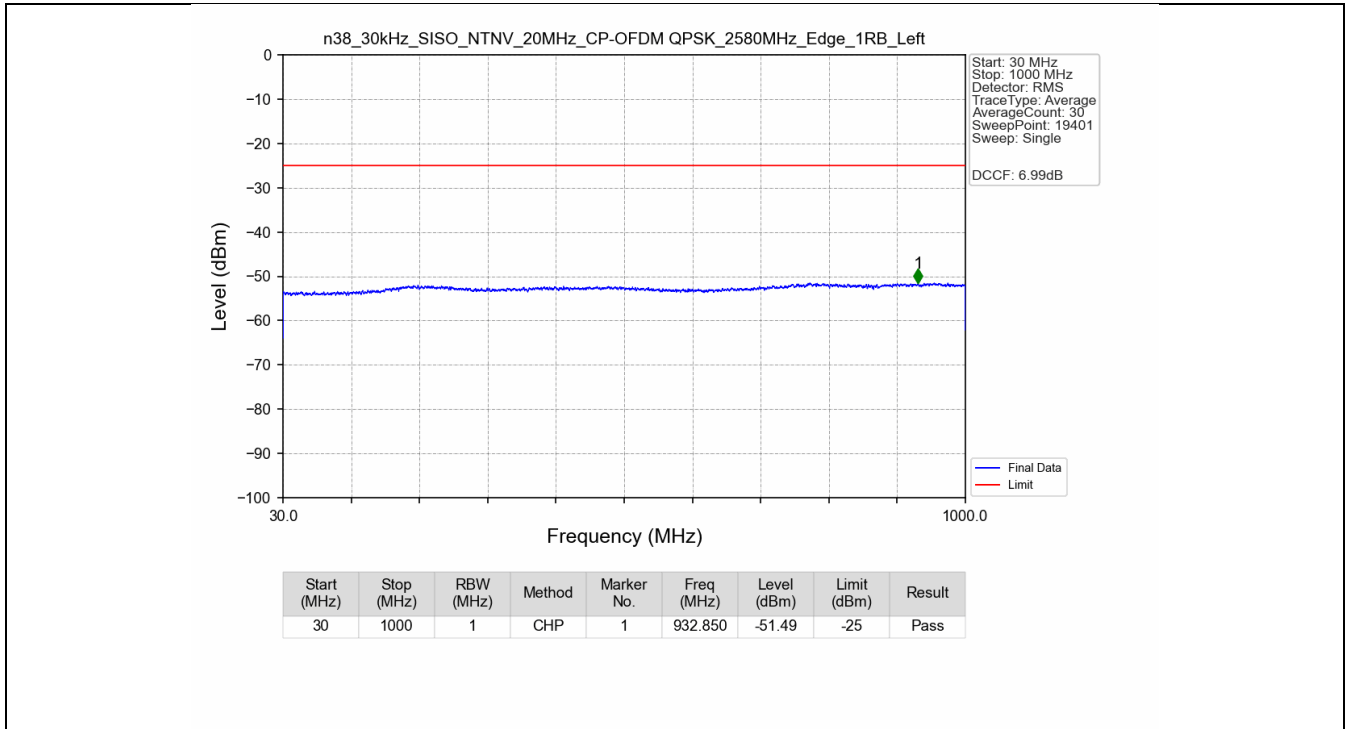
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.39	/	/	/	/	/	/
2620	2621	0.39	/	1	2620.240	-24.86	-10	Pass
2621	2625	1	CHP	2	2621.680	-21.71	-10	Pass
2625	2639.238	1	CHP	3	2625.040	-24.20	-13	Pass
2639.238	2750	1	CHP	4	2640.560	-41.04	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Edge_1RB_Left_Ant5

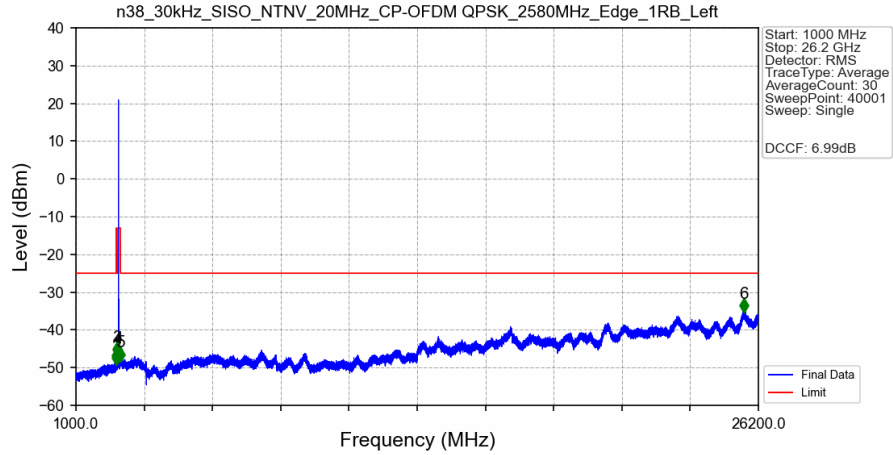


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.055	-51.72	-25	Pass
2490.5	2496	1	CHP	2	2495.950	-51.61	-13	Pass
2496	2550.762	1	CHP	3	2534.000	-50.86	-25	Pass
2550.762	2565	1	CHP	4	2553.020	-46.82	-13	Pass
2565	2569	1	CHP	5	2568.445	-37.43	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-28.87	-10	Pass
2570	2600	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Edge_1RB_Left_Ant5

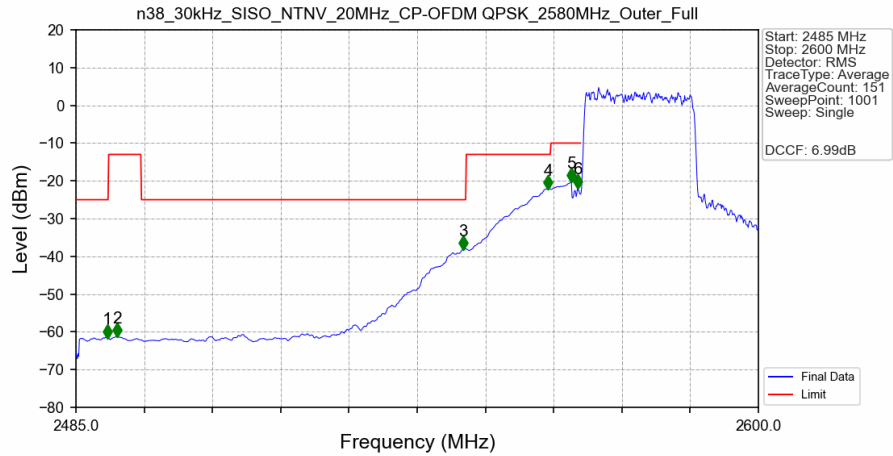


n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Edge_1RB_Left_Ant5

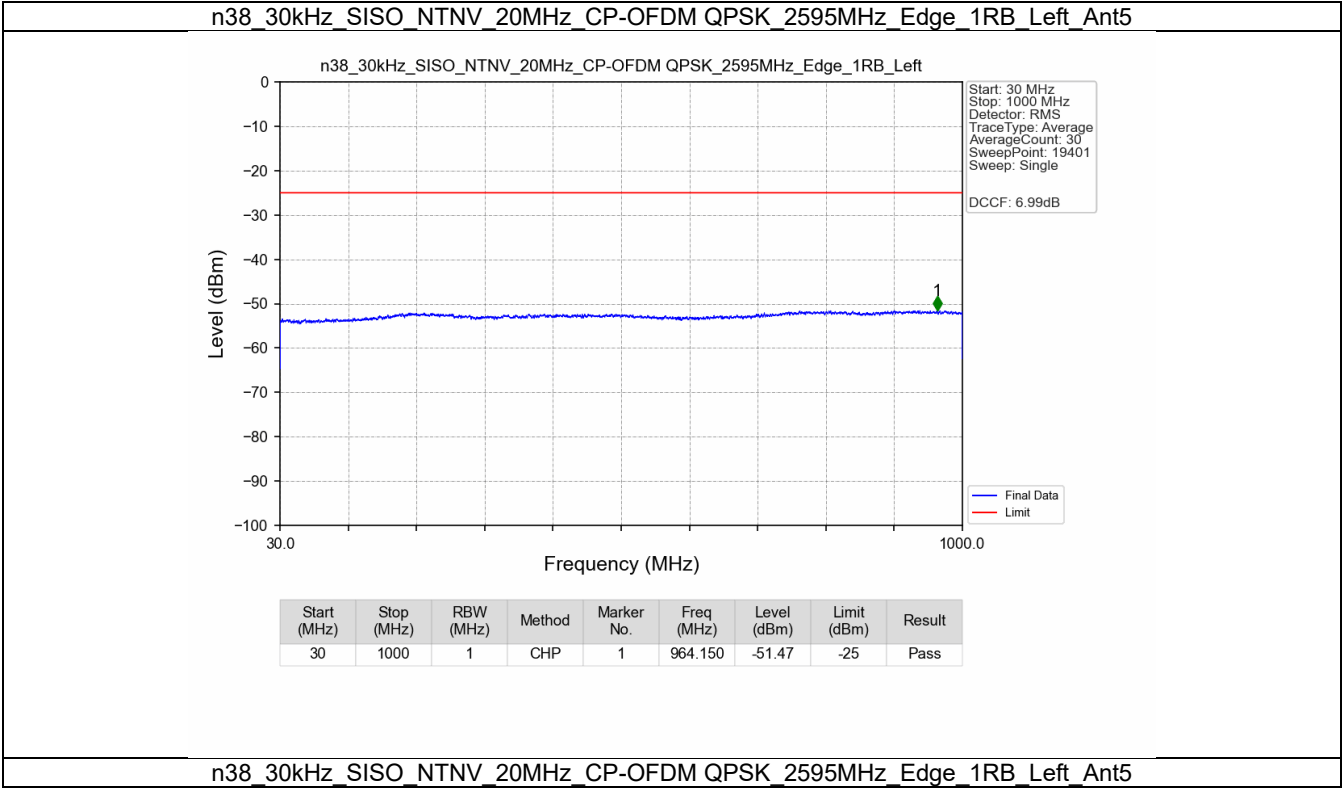


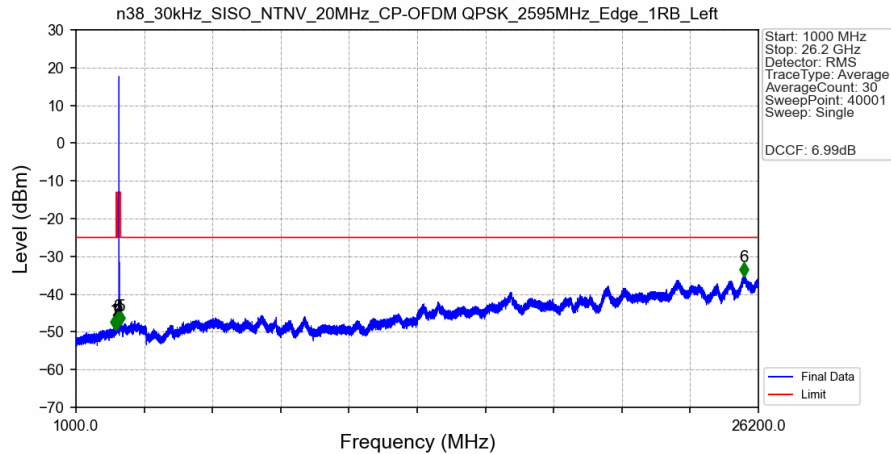
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2485.540	-48.42	-25	Pass
2490.5	2496	1	/	2	2493.100	-49.06	-13	Pass
2496	2550.762	1	/	3	2518.930	-46.66	-25	Pass
2550.762	2565	1	/	4	2552.950	-46.98	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2639.238	1	/	5	2628.550	-48.05	-13	Pass
2639.238	26200	1	/	6	25661.980	-35.08	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2580MHz_Outer_Full_Ant5



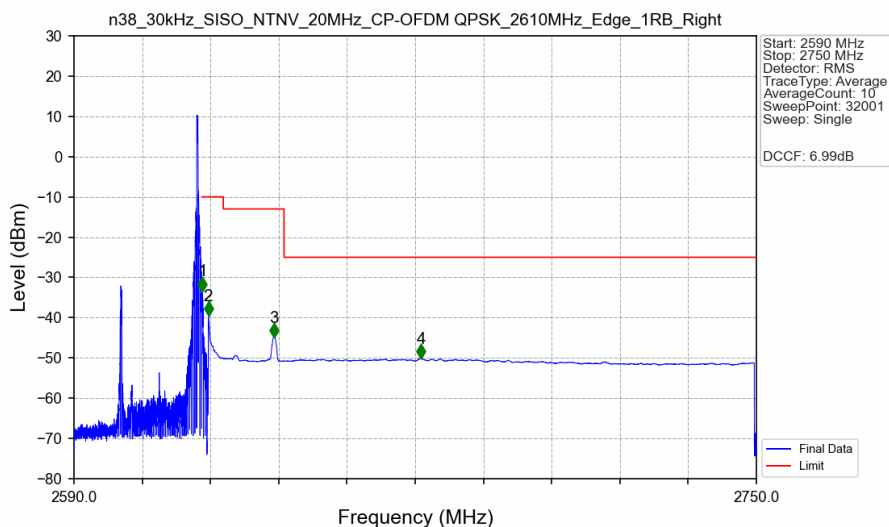
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.290	-61.39	-25	Pass
2490.5	2496	1	CHP	2	2491.900	-61.05	-13	Pass
2496	2550.762	1	CHP	3	2550.205	-38.00	-25	Pass
2550.762	2565	1	CHP	4	2564.580	-22.03	-13	Pass
2565	2569	1	CHP	5	2568.490	-20.14	-10	Pass
2569	2570	0.39	/	6	2569.525	-21.66	-10	Pass
2570	2600	0.39	/	/	/	/	/	/





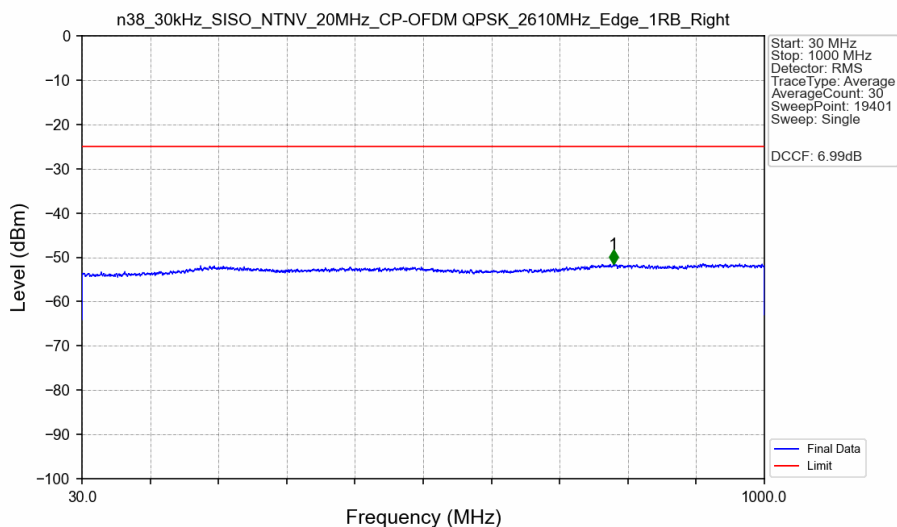
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2427.580	-48.83	-25	Pass
2490.5	2496	1	/	2	2491.210	-49.20	-13	Pass
2496	2548.217	1	/	3	2535.310	-47.99	-25	Pass
2548.217	2565	1	/	4	2563.660	-48.36	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2641.783	1	/	5	2636.740	-47.85	-13	Pass
2641.783	26200	1	/	6	25652.530	-34.95	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2610MHz_Edge_1RB_Right_Ant5



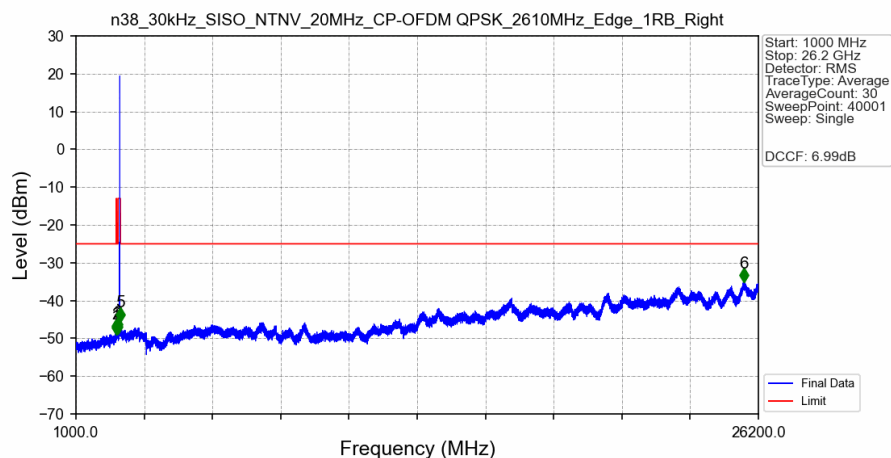
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.095	-33.36	-10	Pass
2621	2625	1	CHP	2	2621.500	-39.49	-10	Pass
2625	2639.238	1	CHP	3	2636.835	-44.86	-13	Pass
2639.238	2750	1	CHP	4	2671.385	-50.13	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2610MHz_Edge_1RB_Right_Ant5



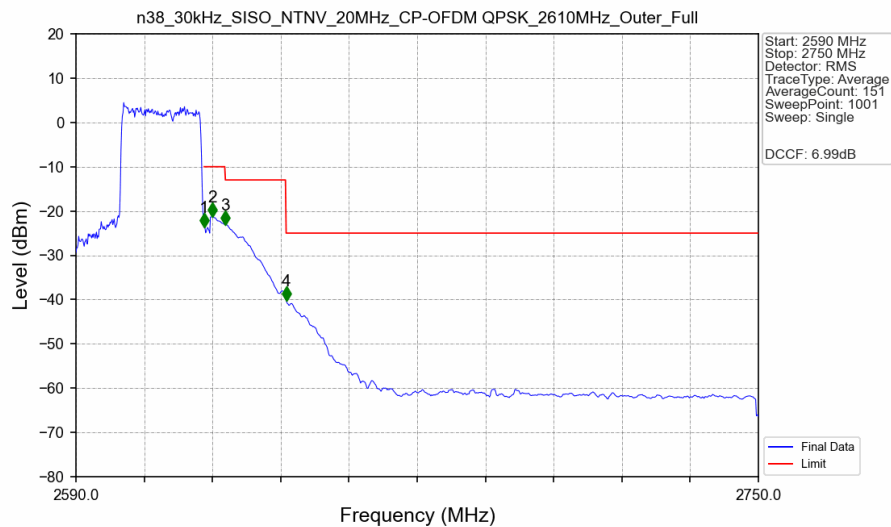
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	785.600	-51.42	-25	Pass

n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2610MHz_Edge_1RB_Right_Ant5



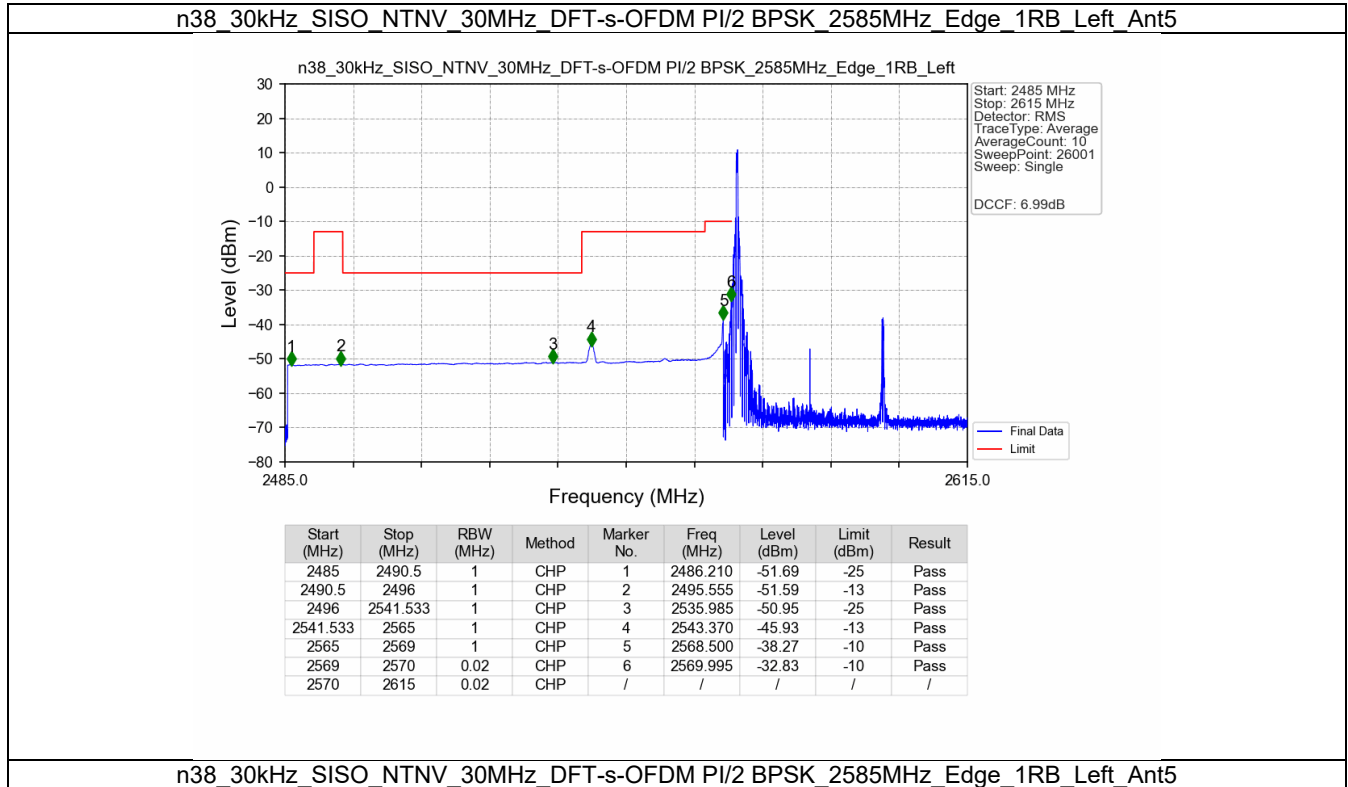
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2486.170	-48.74	-25	Pass
2490.5	2496	1	/	2	2495.620	-48.35	-13	Pass
2496	2550.762	1	/	3	2550.430	-47.83	-25	Pass
2550.762	2565	1	/	4	2559.880	-48.50	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2639.238	1	/	5	2636.740	-45.20	-13	Pass
2639.238	26200	1	/	6	25658.830	-34.84	-25	Pass

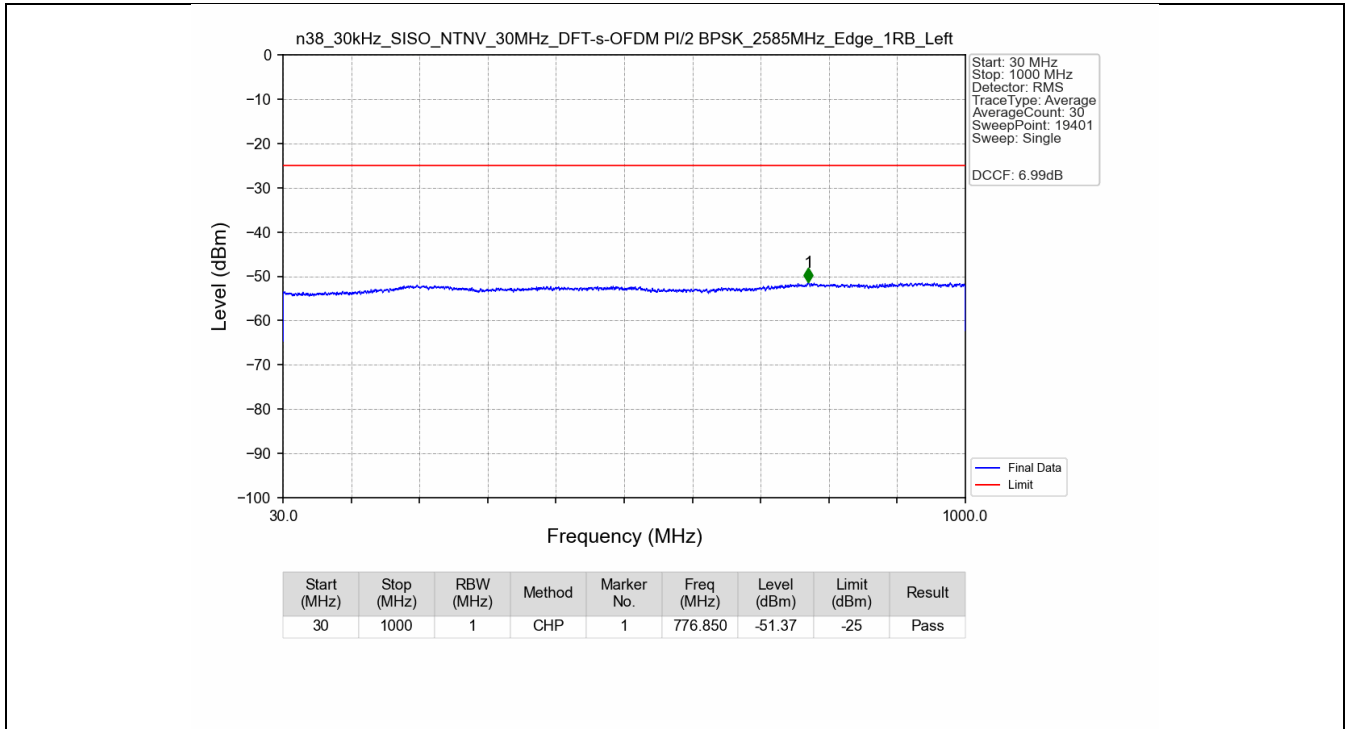
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2610MHz_Outer_Full_Ant5



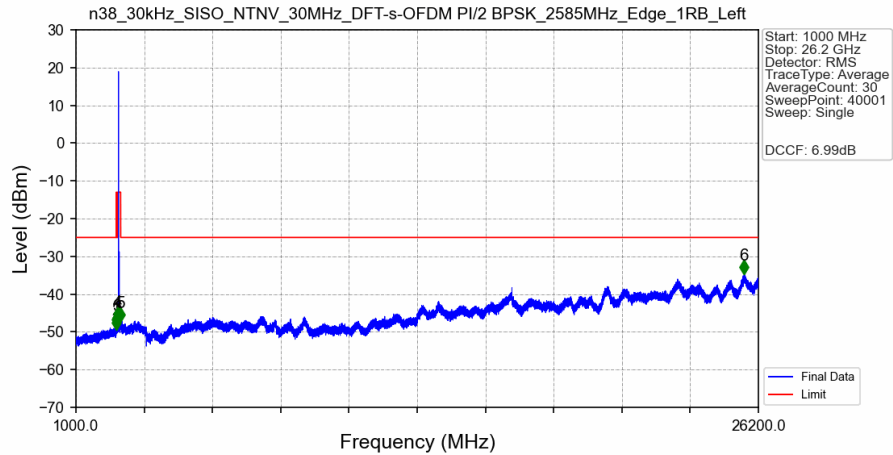
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.39	/	/	/	/	/	/
2620	2621	0.39	/	1	2620.080	-23.60	-10	Pass
2621	2625	1	CHP	2	2622.000	-21.27	-10	Pass
2625	2639.238	1	CHP	3	2625.040	-23.03	-13	Pass
2639.238	2750	1	CHP	4	2639.280	-40.16	-25	Pass

5.2.2 30_S_30M_NTNV



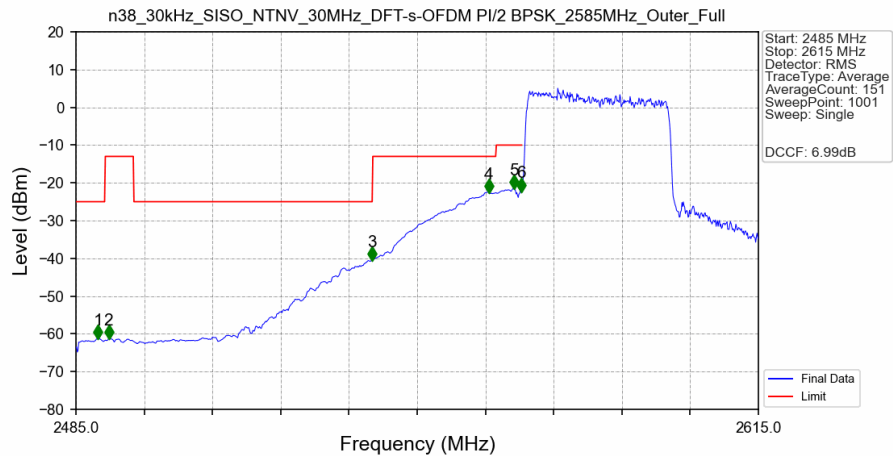


n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2585MHz_Edge_1RB_Left_Ant5

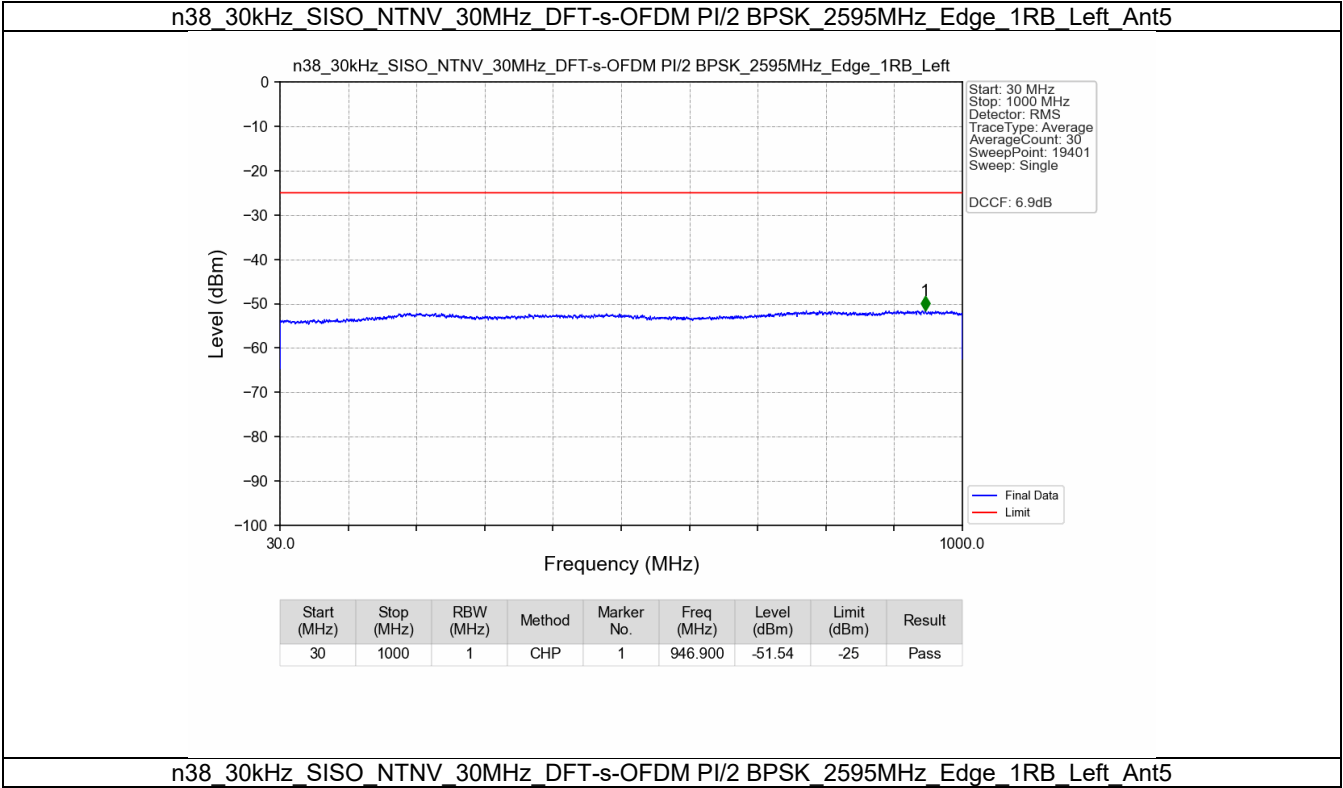


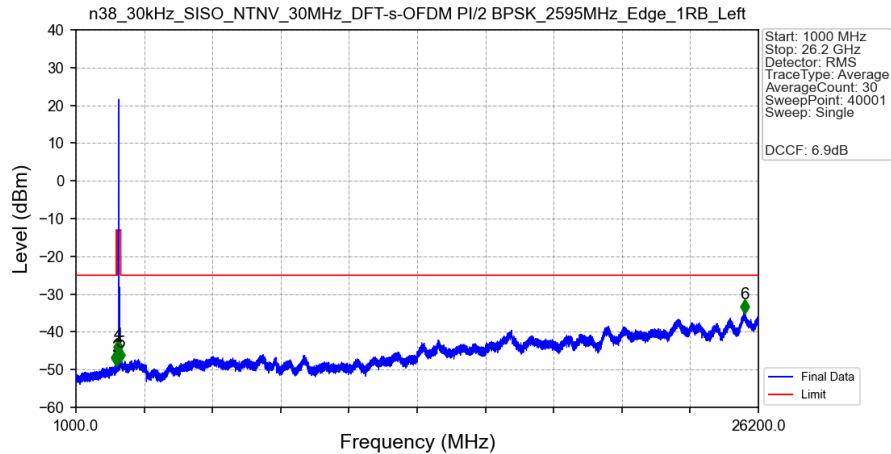
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2488.690	-48.30	-25	Pass
2490.5	2496	1	/	2	2491.840	-49.06	-13	Pass
2496	2541.533	1	/	3	2519.560	-47.85	-25	Pass
2541.533	2565	1	/	4	2543.500	-46.84	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.467	1	/	5	2645.560	-47.02	-13	Pass
2648.467	26200	1	/	6	25677.730	-34.49	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2585MHz_Outer_Full_Ant5



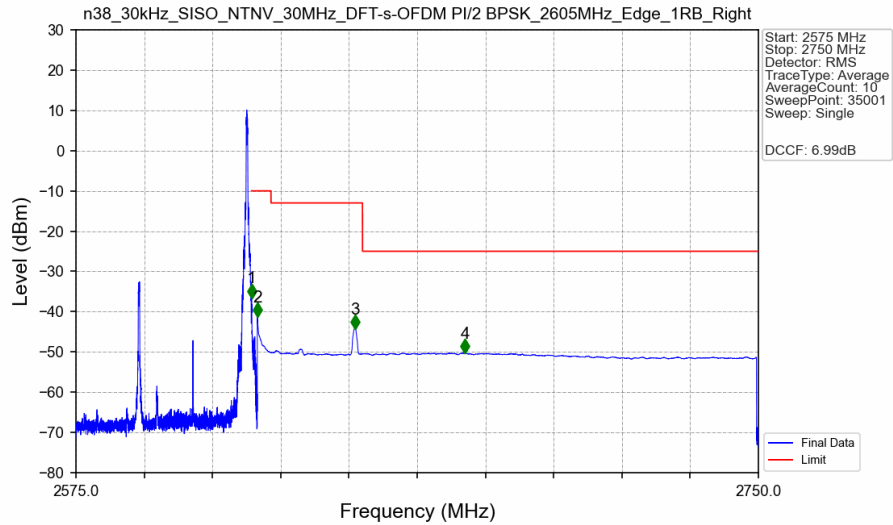
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.160	-61.07	-25	Pass
2490.5	2496	1	CHP	2	2491.240	-61.08	-13	Pass
2496	2541.533	1	CHP	3	2541.420	-40.34	-25	Pass
2541.533	2565	1	CHP	4	2563.650	-22.39	-13	Pass
2565	2569	1	CHP	5	2568.460	-21.34	-10	Pass
2569	2570	0.62	/	6	2569.760	-22.12	-10	Pass
2570	2615	0.62	/	/	/	/	/	/





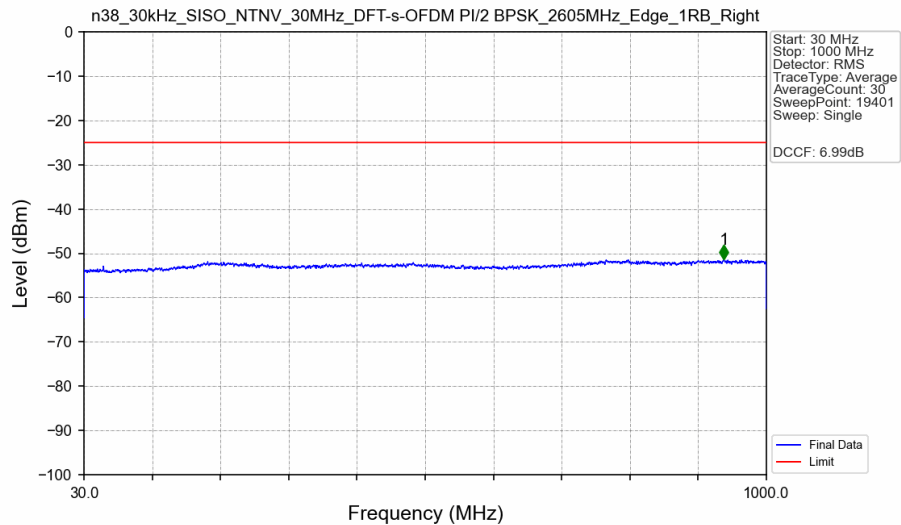
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2462.230	-48.37	-25	Pass
2490.5	2496	1	/	2	2490.580	-48.65	-13	Pass
2496	2541.213	1	/	3	2534.050	-48.13	-25	Pass
2541.213	2565	1	/	4	2552.950	-45.50	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.787	1	/	5	2638.000	-47.62	-13	Pass
2648.787	26200	1	/	6	25682.140	-34.79	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2605MHz_Edge_1RB_Right_Ant5



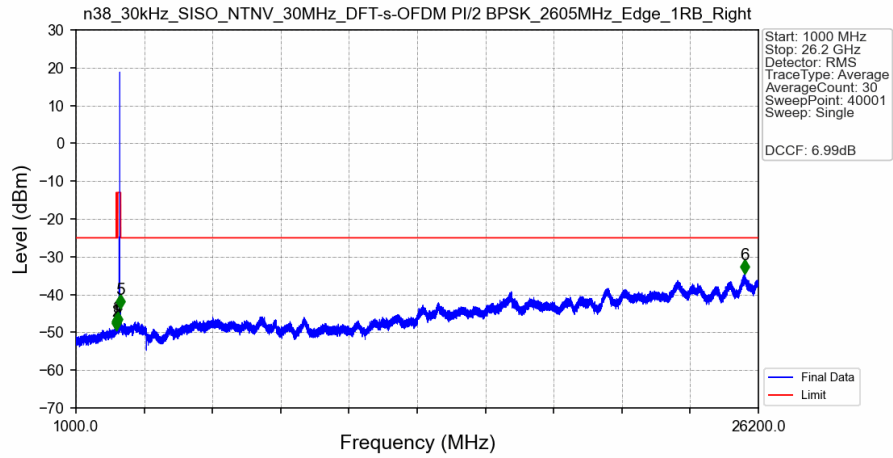
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2575	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.040	-36.56	-10	Pass
2621	2625	1	CHP	2	2621.500	-41.24	-10	Pass
2625	2648.467	1	CHP	3	2646.510	-44.20	-13	Pass
2648.467	2750	1	CHP	4	2674.785	-50.25	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2605MHz_Edge_1RB_Right_Ant5



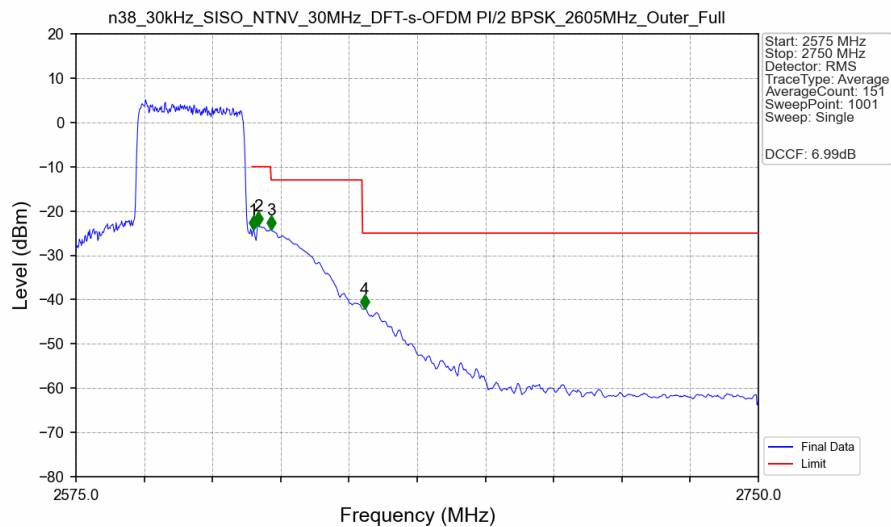
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	939.500	-51.29	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2605MHz_Edge_1RB_Right_Ant5



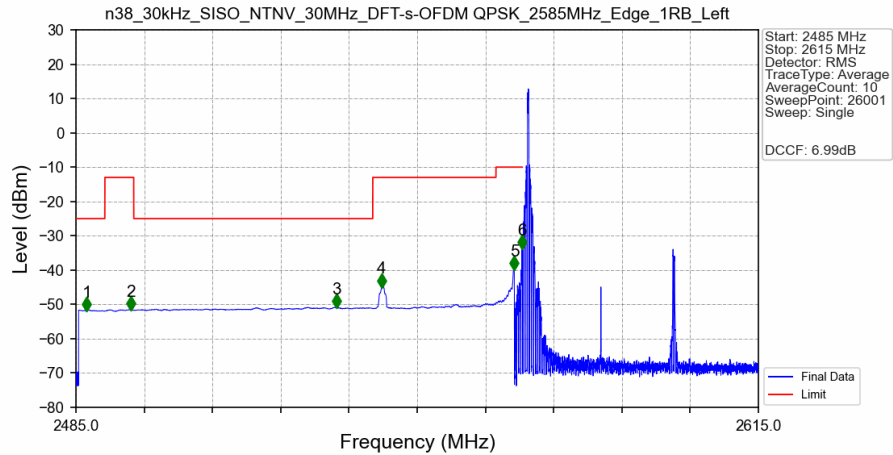
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2482.390	-48.72	-25	Pass
2490.5	2496	1	/	2	2492.470	-49.12	-13	Pass
2496	2541.533	1	/	3	2510.740	-48.35	-25	Pass
2541.533	2565	1	/	4	2554.840	-48.08	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.467	1	/	5	2646.820	-43.34	-13	Pass
2648.467	26200	1	/	6	25696.000	-34.22	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_PI/2_BPSK_2605MHz_Outer_Full_Ant5



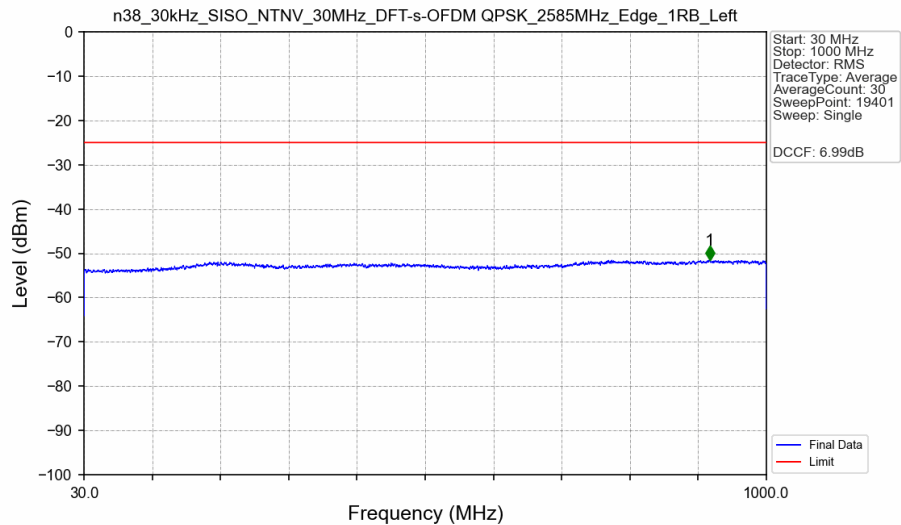
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2575	2620	0.62	/	/	/	/	/	/
2620	2621	0.62	/	1	2620.500	-24.15	-10	Pass
2621	2625	1	CHP	2	2621.725	-23.26	-10	Pass
2625	2648.467	1	CHP	3	2625.050	-24.17	-13	Pass
2648.467	2750	1	CHP	4	2649.025	-42.00	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2585MHz_Edge_1RB_Left_Ant5



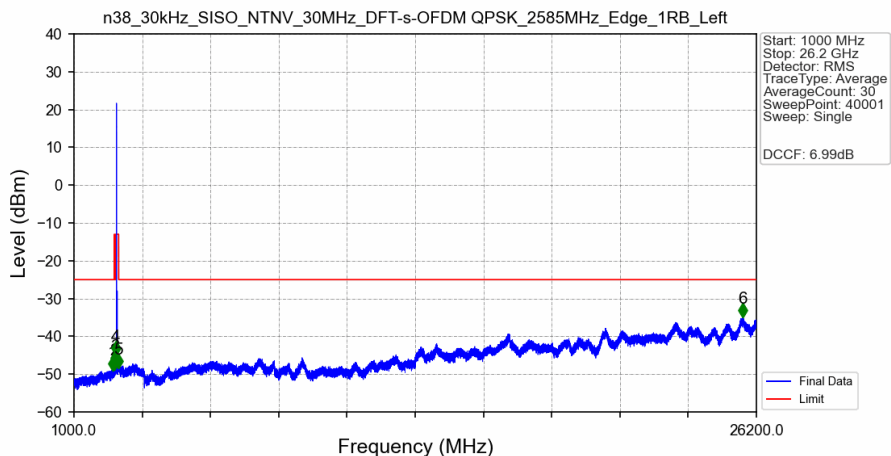
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.045	-51.61	-25	Pass
2490.5	2496	1	CHP	2	2495.420	-51.49	-13	Pass
2496	2541.533	1	CHP	3	2534.685	-50.82	-25	Pass
2541.533	2565	1	CHP	4	2543.235	-44.79	-13	Pass
2565	2569	1	CHP	5	2568.500	-39.77	-10	Pass
2569	2570	0.02	CHP	6	2569.980	-33.59	-10	Pass
2570	2615	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2585MHz_Edge_1RB_Left_Ant5



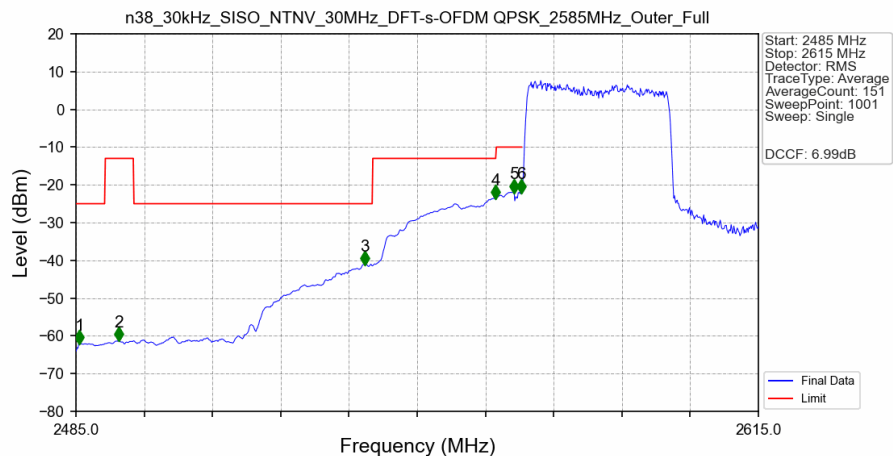
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	919.300	-51.42	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2585MHz_Edge_1RB_Left_Ant5



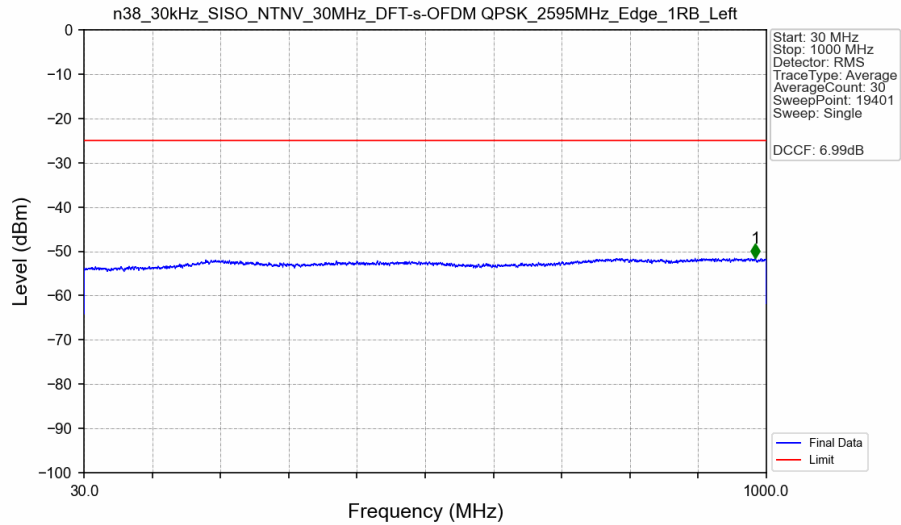
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2417.500	-48.80	-25	Pass
2490.5	2496	1	/	2	2492.470	-48.50	-13	Pass
2496	2541.533	1	/	3	2518.930	-47.26	-25	Pass
2541.533	2565	1	/	4	2542.870	-44.77	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.467	1	/	5	2631.070	-48.13	-13	Pass
2648.467	26200	1	/	6	25699.150	-34.69	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2585MHz_Outer_Full_Ant5



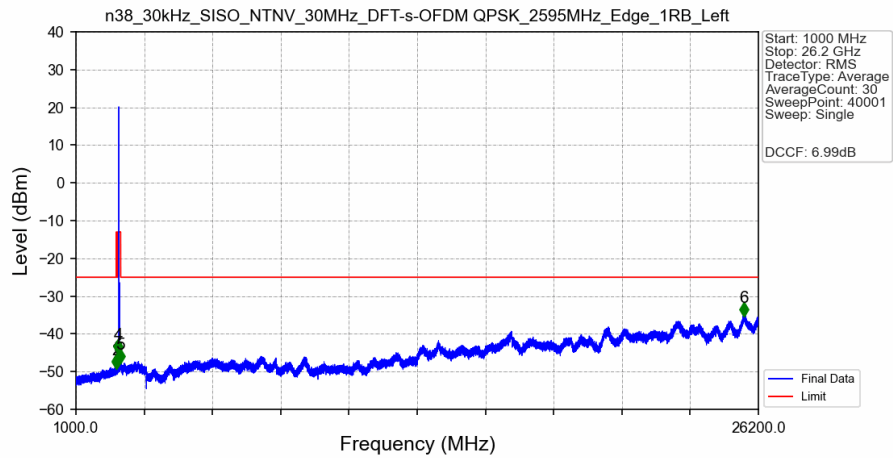
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.650	-61.98	-25	Pass
2490.5	2496	1	CHP	2	2493.190	-61.13	-13	Pass
2496	2541.533	1	CHP	3	2539.990	-41.00	-25	Pass
2541.533	2565	1	CHP	4	2564.950	-23.56	-13	Pass
2565	2569	1	CHP	5	2568.460	-21.87	-10	Pass
2569	2570	0.62	/	6	2569.760	-21.87	-10	Pass
2570	2615	0.62	/	/	/	/	/	/

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant5

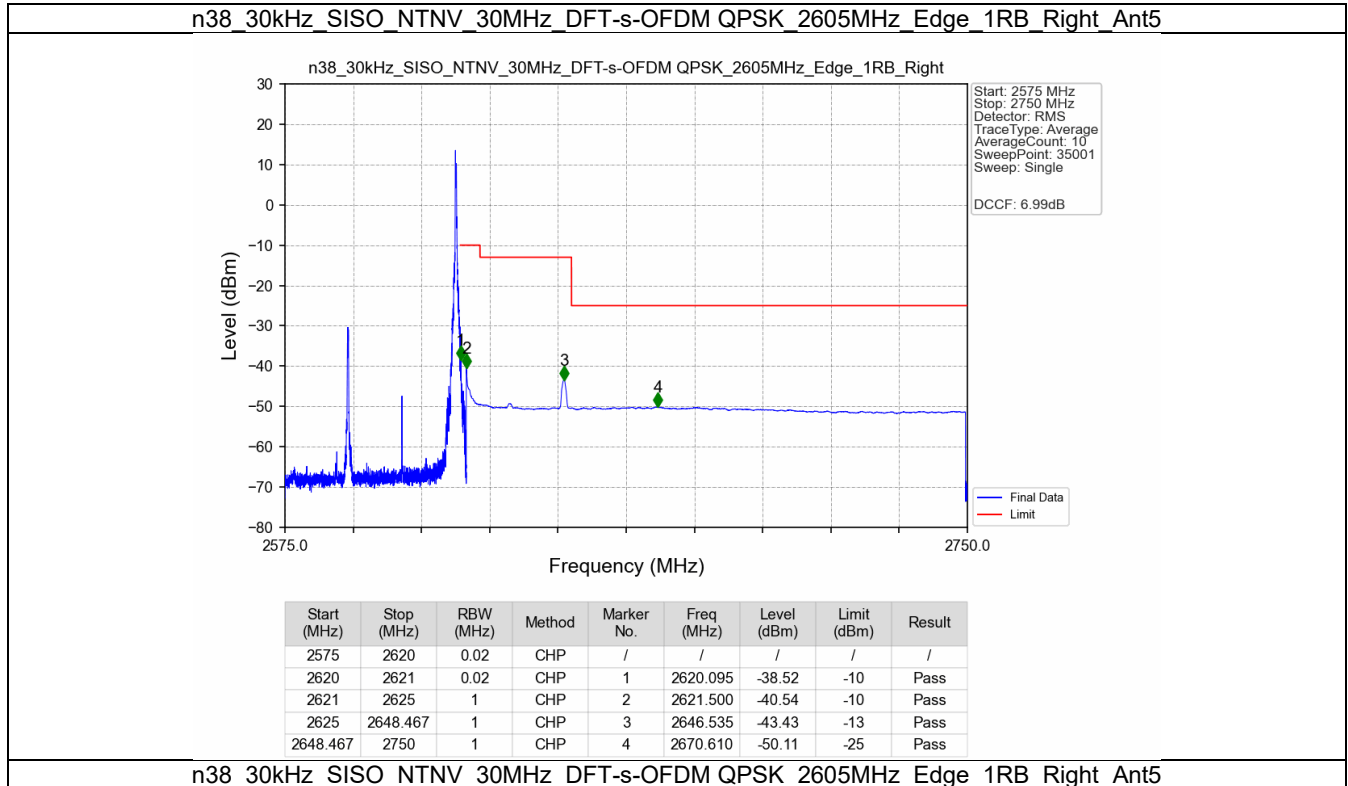


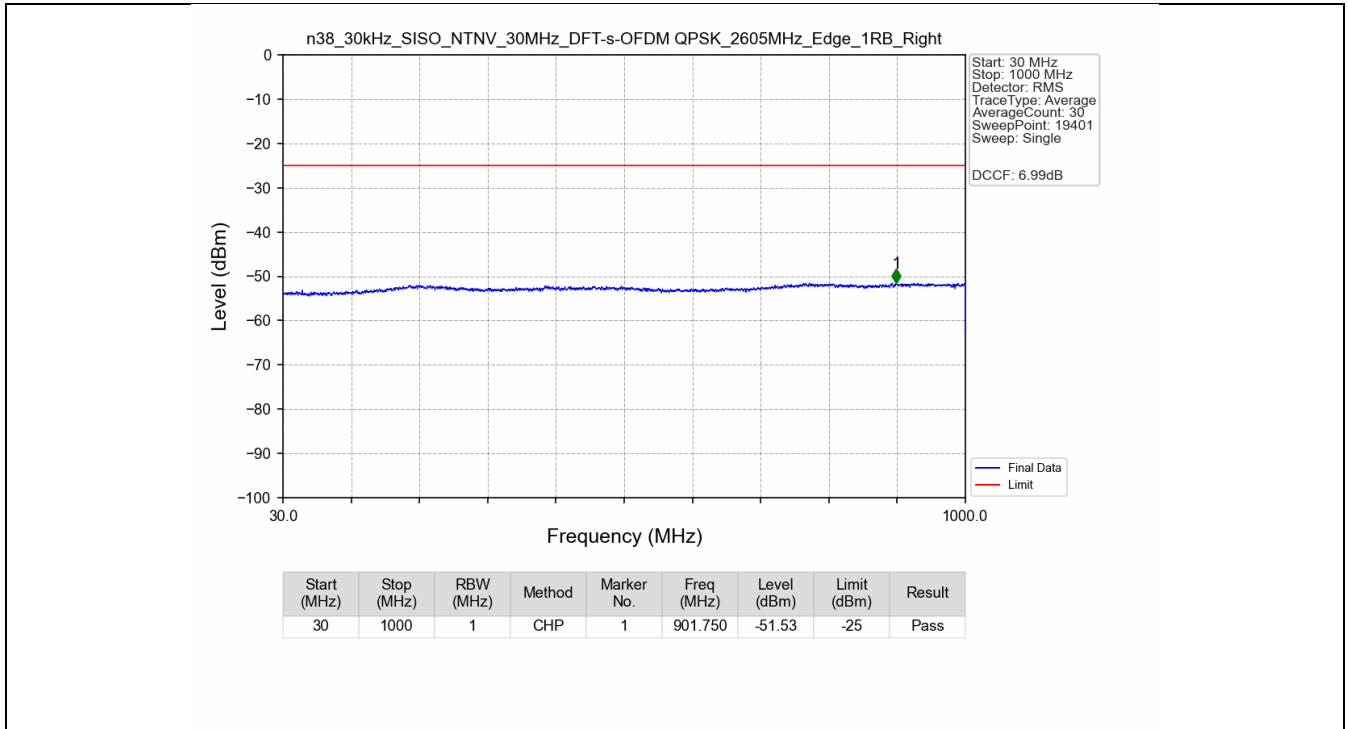
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	984.350	-51.50	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_2595MHz_Edge_1RB_Left_Ant5

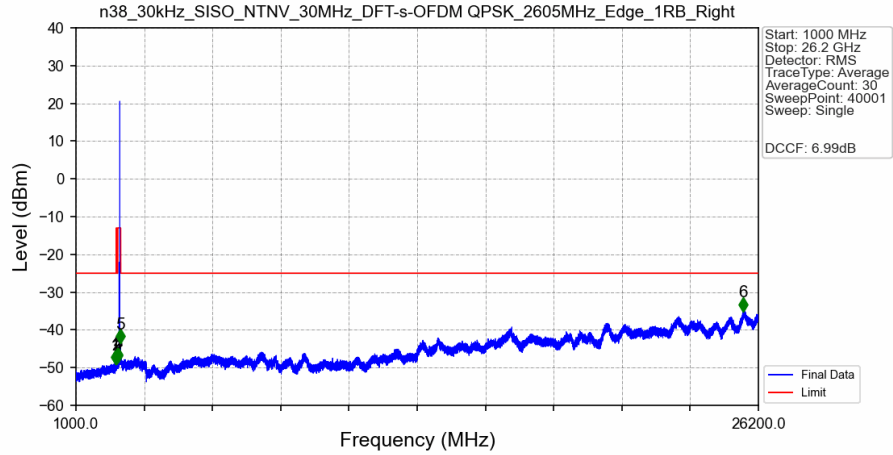


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2488.060	-48.76	-25	Pass
2490.5	2496	1	/	2	2491.840	-48.96	-13	Pass
2496	2541.533	1	/	3	2536.570	-48.44	-25	Pass
2541.533	2565	1	/	4	2552.950	-45.01	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.467	1	/	5	2636.110	-47.47	-13	Pass
2648.467	26200	1	/	6	25667.650	-35.04	-25	Pass



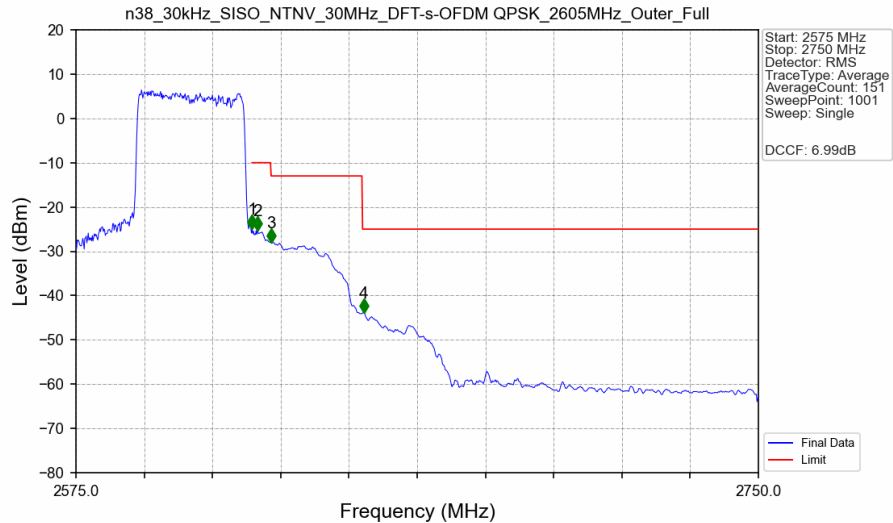


n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2605MHz_Edge_1RB_Right_Ant5



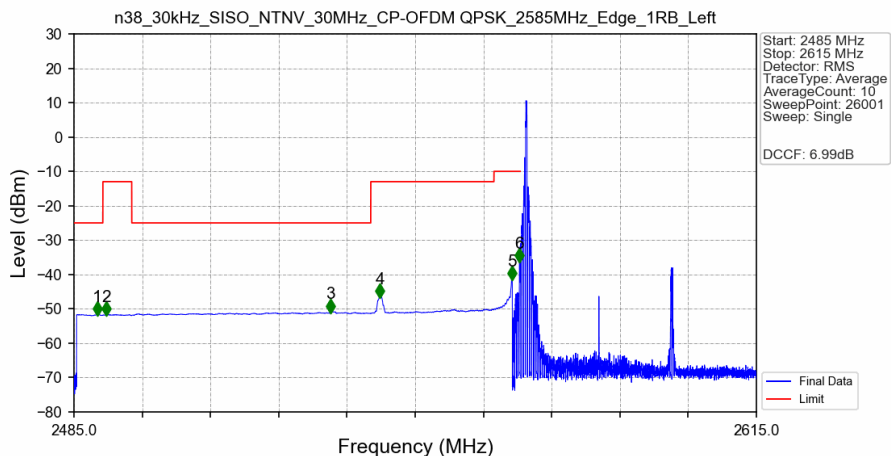
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2450.260	-48.76	-25	Pass
2490.5	2496	1	/	2	2490.580	-48.75	-13	Pass
2496	2541.533	1	/	3	2534.050	-48.15	-25	Pass
2541.533	2565	1	/	4	2554.840	-48.32	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.467	1	/	5	2646.820	-43.26	-13	Pass
2648.467	26200	1	/	6	25645.600	-34.80	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2605MHz_Outer_Full_Ant5



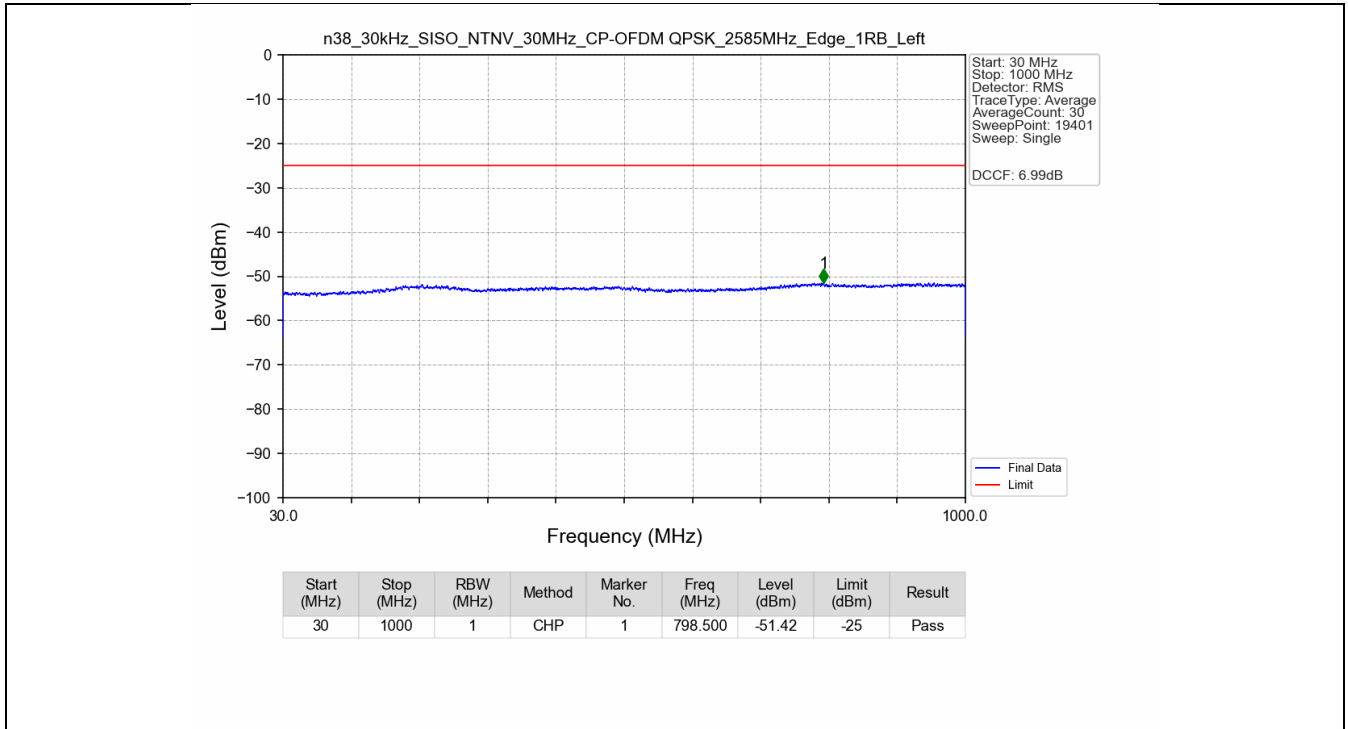
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2575	2620	0.62	/	/	/	/	/	/
2620	2621	0.62	/	1	2620.150	-25.01	-10	Pass
2621	2625	1	CHP	2	2621.550	-25.27	-10	Pass
2625	2648.467	1	CHP	3	2625.050	-28.02	-13	Pass
2648.467	2750	1	CHP	4	2648.850	-43.86	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2585MHz_Edge_1RB_Left_Ant5

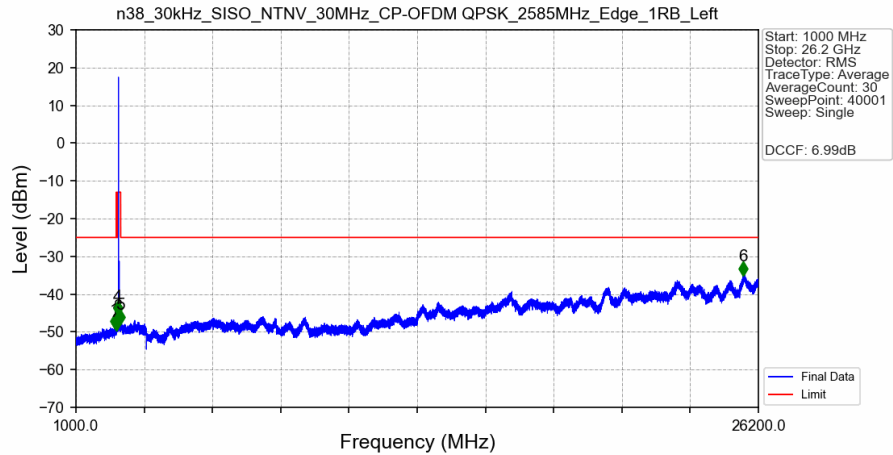


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.420	-51.64	-25	Pass
2490.5	2496	1	CHP	2	2491.210	-51.65	-13	Pass
2496	2541.533	1	CHP	3	2533.905	-50.84	-25	Pass
2541.533	2565	1	CHP	4	2543.265	-46.47	-13	Pass
2565	2569	1	CHP	5	2568.370	-41.39	-10	Pass
2569	2570	0.02	CHP	6	2569.875	-36.17	-10	Pass
2570	2615	0.02	CHP	/	/	/	/	/

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2585MHz_Edge_1RB_Left_Ant5

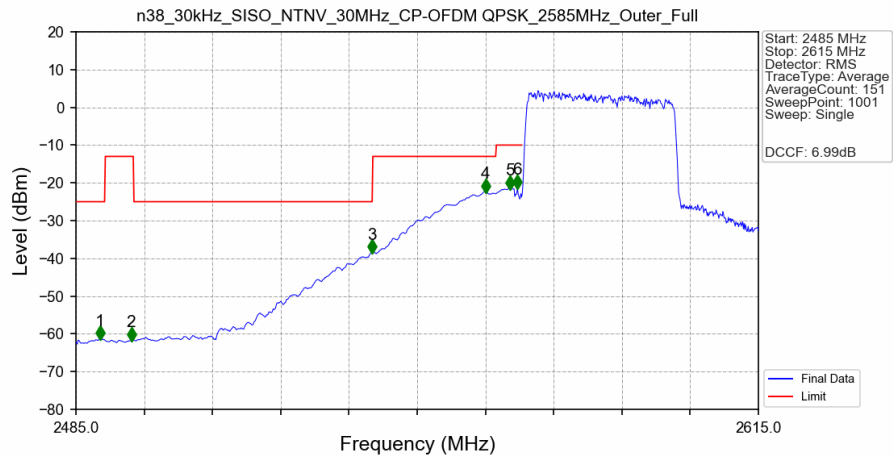


n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2585MHz_Edge_1RB_Left_Ant5

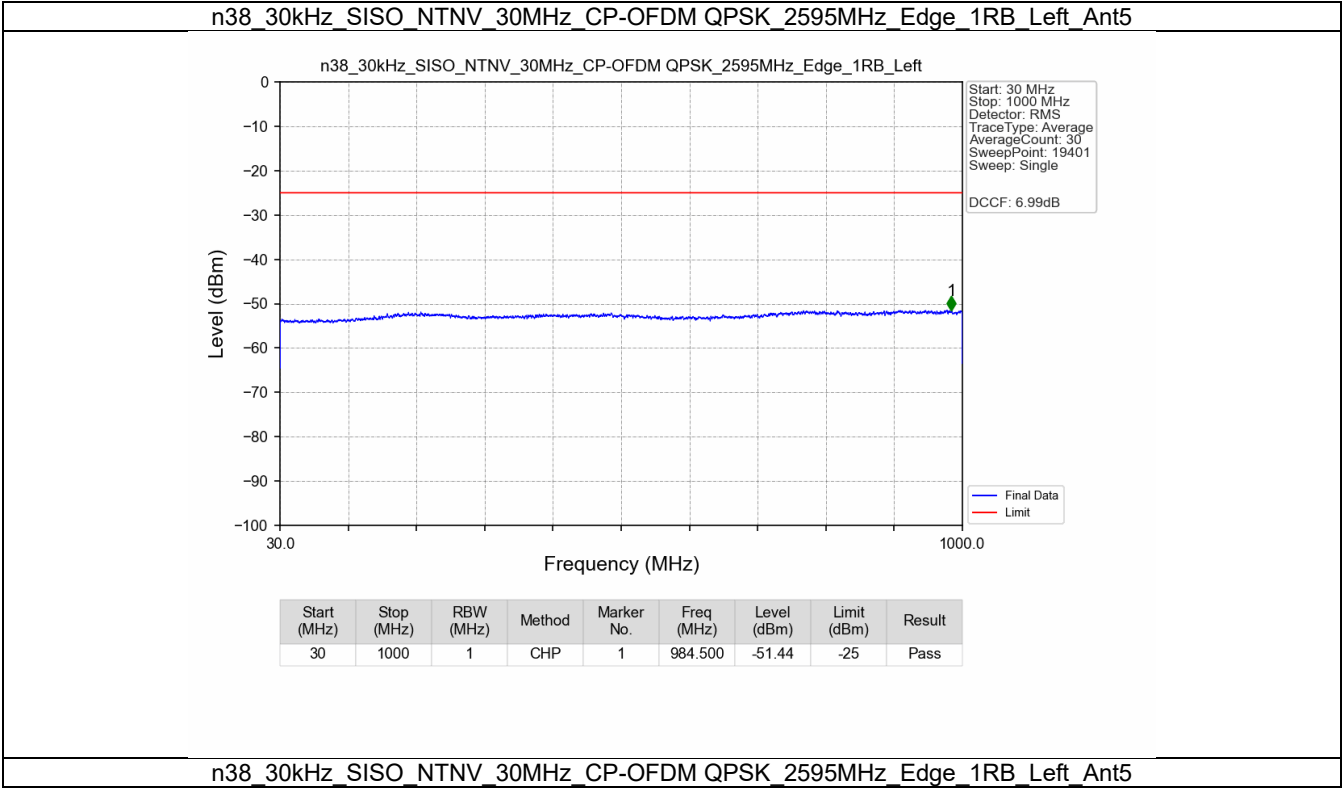


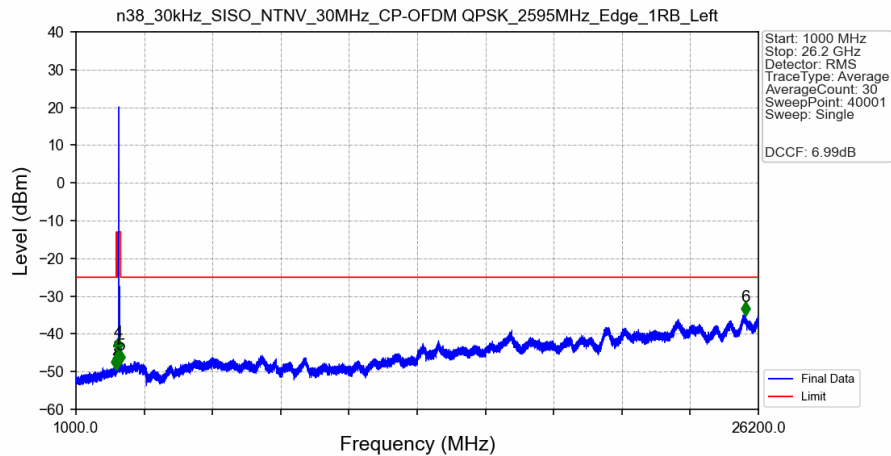
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2420.650	-48.74	-25	Pass
2490.5	2496	1	/	2	2493.100	-49.32	-13	Pass
2496	2541.533	1	/	3	2539.720	-47.99	-25	Pass
2541.533	2565	1	/	4	2542.870	-45.32	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.467	1	/	5	2636.110	-47.56	-13	Pass
2648.467	26200	1	/	6	25638.040	-34.78	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2585MHz_Outer_Full_Ant5



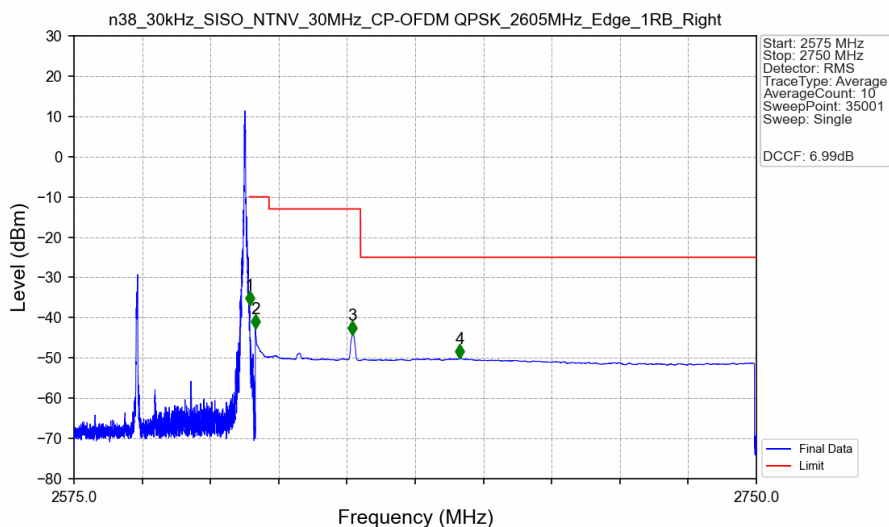
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.550	-61.34	-25	Pass
2490.5	2496	1	CHP	2	2495.530	-61.65	-13	Pass
2496	2541.533	1	CHP	3	2541.420	-38.39	-25	Pass
2541.533	2565	1	CHP	4	2563.000	-22.35	-13	Pass
2565	2569	1	CHP	5	2567.680	-21.46	-10	Pass
2569	2570	0.62	/	6	2569.110	-21.27	-10	Pass
2570	2615	0.62	/	/	/	/	/	/





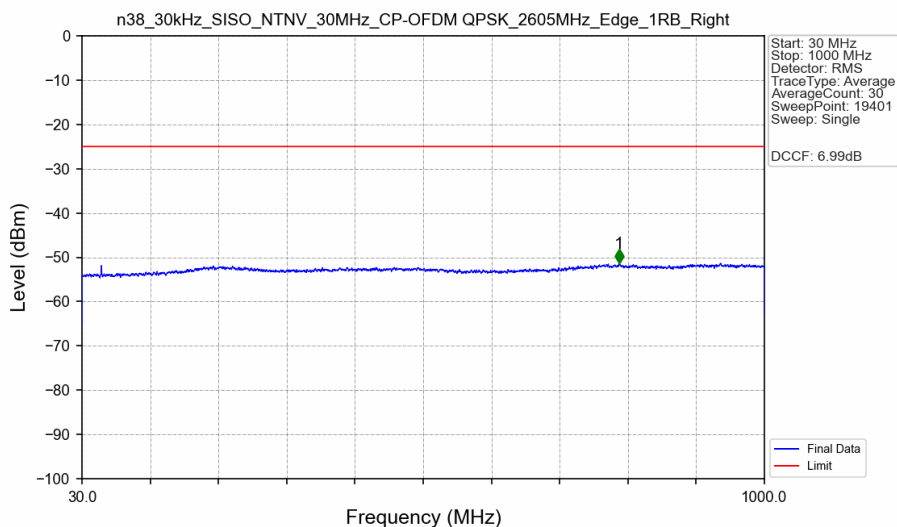
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2471.050	-48.87	-25	Pass
2490.5	2496	1	/	2	2493.100	-49.13	-13	Pass
2496	2540.291	1	/	3	2524.600	-48.19	-25	Pass
2540.291	2565	1	/	4	2557.990	-44.42	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2649.709	1	/	5	2638.630	-47.78	-13	Pass
2649.709	26200	1	/	6	25718.680	-34.96	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2605MHz_Edge_1RB_Right_Ant5



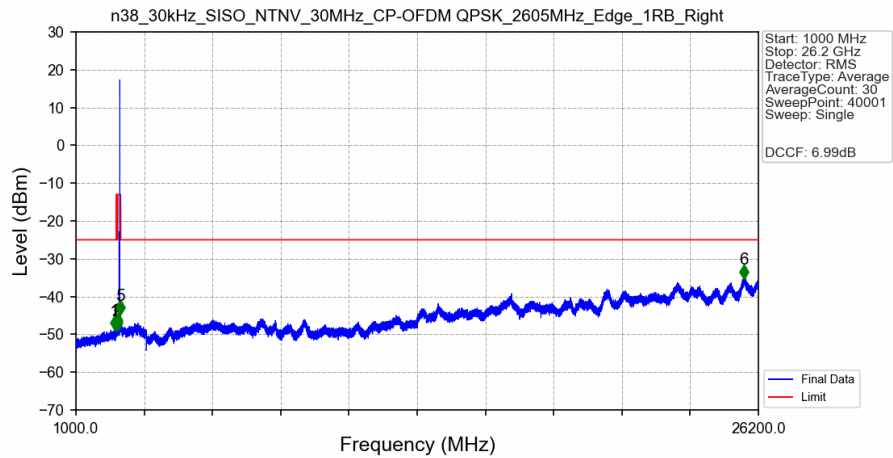
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2575	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.035	-36.91	-10	Pass
2621	2625	1	CHP	2	2621.500	-42.74	-10	Pass
2625	2648.467	1	CHP	3	2646.455	-44.22	-13	Pass
2648.467	2750	1	CHP	4	2673.965	-50.12	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2605MHz_Edge_1RB_Right_Ant5



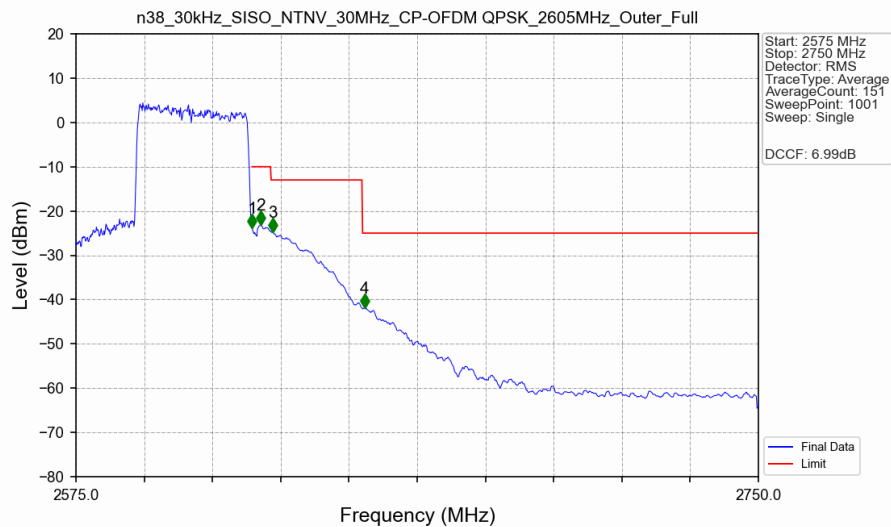
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	793.650	-51.33	-25	Pass

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2605MHz_Edge_1RB_Right_Ant5



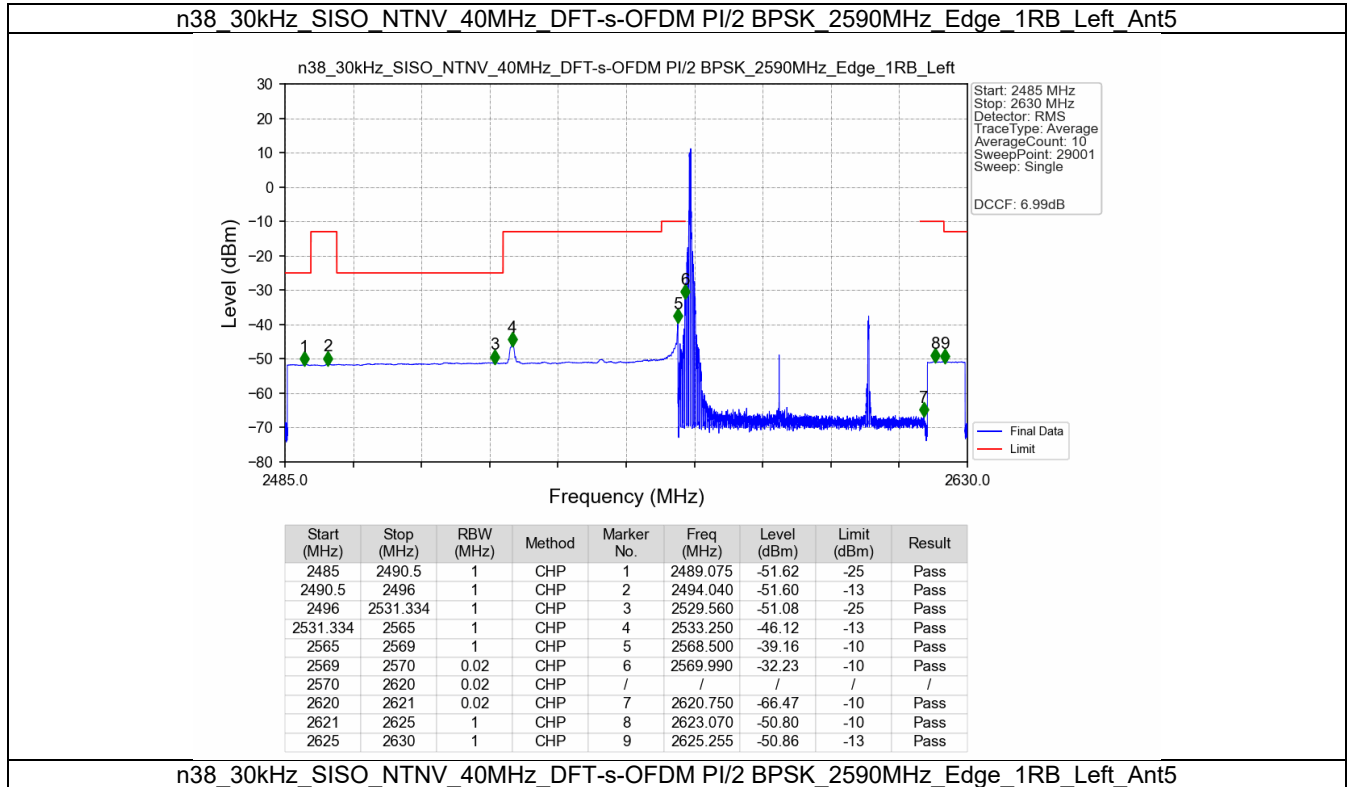
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2430.730	-48.54	-25	Pass
2490.5	2496	1	/	2	2495.620	-48.65	-13	Pass
2496	2541.533	1	/	3	2534.050	-48.45	-25	Pass
2541.533	2565	1	/	4	2563.030	-47.85	-13	Pass
2565	2625	1	/	/	/	/	/	/
2625	2648.467	1	/	5	2646.190	-44.46	-13	Pass
2648.467	26200	1	/	6	25661.980	-34.99	-25	Pass

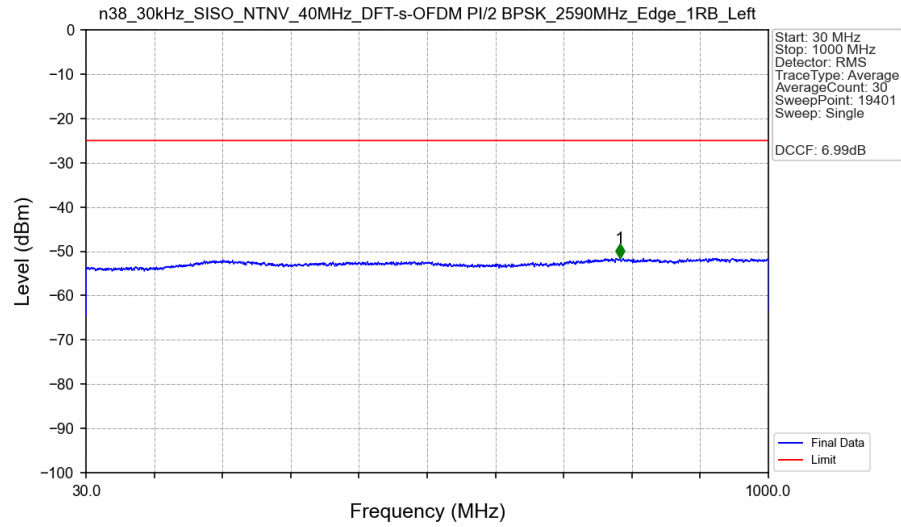
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2605MHz_Outer_Full_Ant5



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2575	2620	0.62	/	/	/	/	/	/
2620	2621	0.62	/	1	2620.150	-23.85	-10	Pass
2621	2625	1	CHP	2	2622.425	-23.20	-10	Pass
2625	2648.467	1	CHP	3	2625.400	-24.70	-13	Pass
2648.467	2750	1	CHP	4	2649.025	-41.91	-25	Pass

5.2.3 30_S_40M_NTNV





Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	788.850	-51.55	-25	Pass